

Design Specs Reference Book

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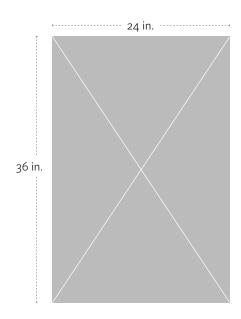
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General frames and toppers

Snap frame specs

Size: 24 x 36 in.

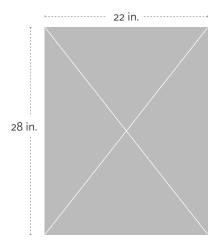
Minimum margin: 2 in. Minimum logo: 2.45 in.



XL topper specs

Size: 22 x 28 in.

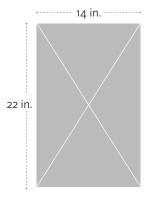
Minimum margin: 2 in. Minimum logo: 2.8 in.



Most common toppers

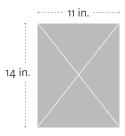
Size: 14 x 22 in.

Minimum margin: 1.5 in. Minimum logo: 2.1 in.



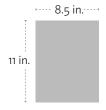
Size: 11 x 14 in.

Minimum margin: 1 in. Minimum logo: 1.65 in.



Size: 8.5 x 11 in.

Minimum margin: 1 in. Minimum logo: 1.25 in.

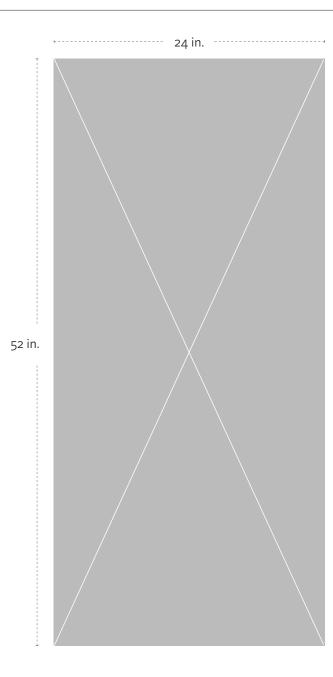


Big Bertha

Big Bertha specs

Size: 24 x 52 in.

Minimum margin: 2 in. Minimum logo: 3.76 in.

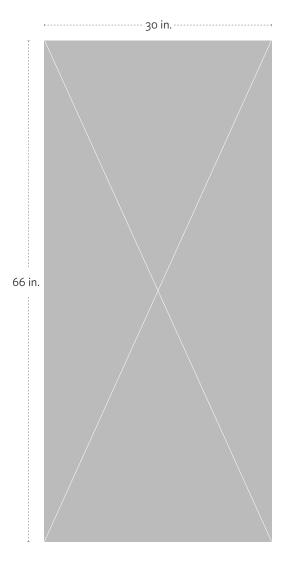


Construction barriers

Construction barrier specs

Size: 66 x 30 in.

Standard public floor plastic rolling barriers; the "window" in each panel is 66" high and 30" wide



Specific snap frames

Carts (Public Programs) large snap frame specs

Carts (Docents) large snap frame specs

Size: 11 x 17 in.

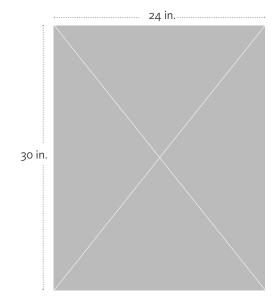
Size: 30 x 24 in.

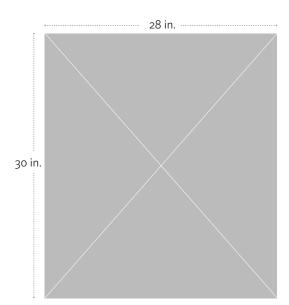


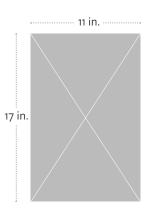
Small vertical

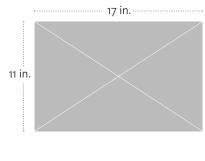
Small horizontal

Naturalist Center bathroom and elevator snap frame specs





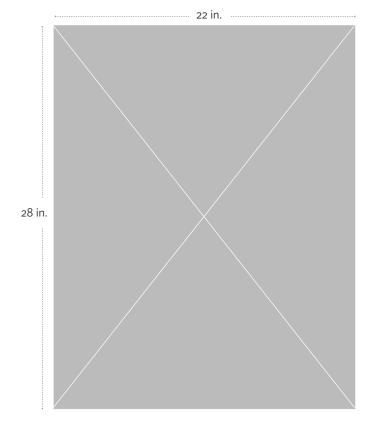




Specific snap frames

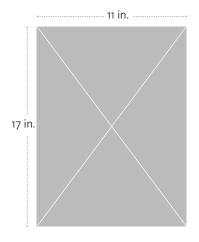
Cafe large snap frame specs

Size: 22 x 28 in.



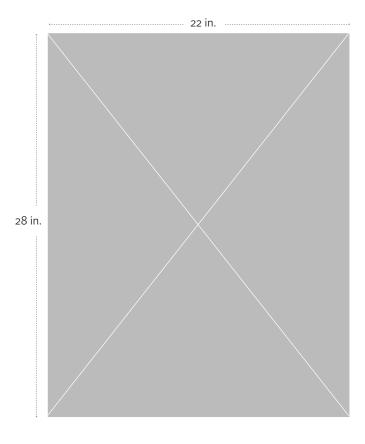
Curiosity Grove small snap frame specs

Size: 17 x 22 in.



Curiosity Grove large snap frame specs

Size: 22 x 28 in.



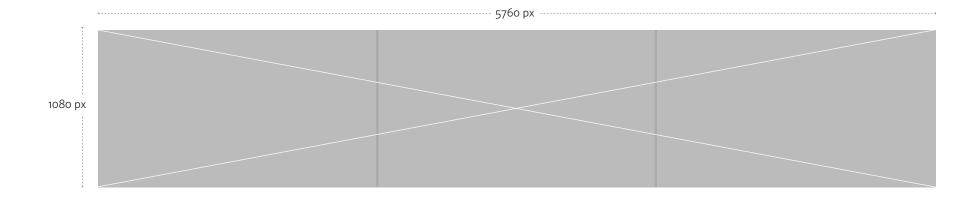
PLASMASLobby plasmas

Due to AVEE three days before go-live date. Collaborate with Viz Studio for animations to solve transcoding challenges.

Static and animated lobby plasmas

Static graphics upload specs: 5760 x 1080 px (one graphic spanning all three screens), 72 ppi, single jpeg (each screen 1920 x 1080 px)

Animations upload specs: h.265 (HEVC), .mp4 wrapper, encoded at CRF of 18, 5760 x 1080 px @ 30 fps



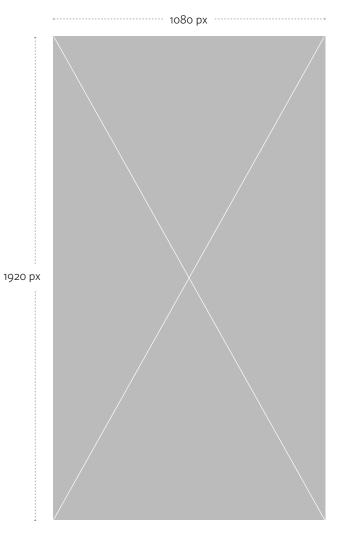
PLASMASOther plasmas

Due to AVEE three days before go-live date. Collaborate with Viz Studio for animations to solve transcoding challenges.

Vertical plasmas

Upload size: 1080 x 1920 px 72 ppi

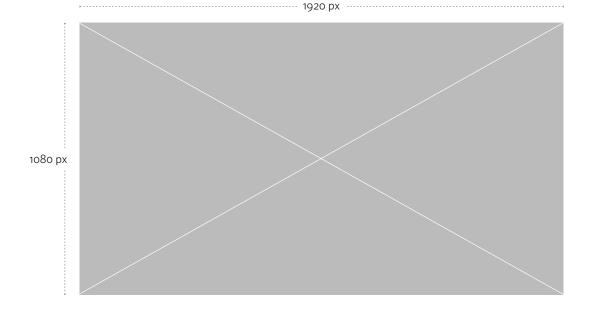
Accepted file types: jpeg



Horizontal plasmas

Upload size: 1920 x 1080 px 72 ppi

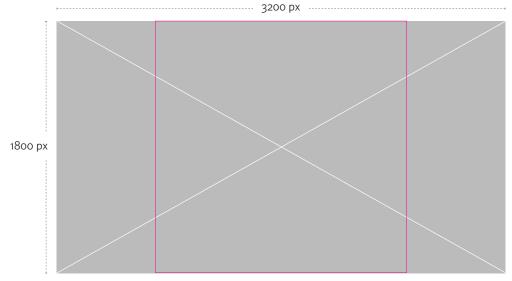
Accepted file types: jpeg



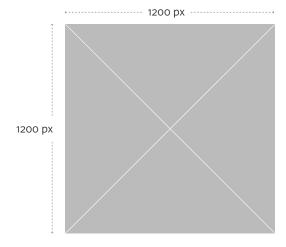
Universal

Universal images for website, email, and social

Upload size: 3200 x 1800 px (size down to 650 x any height greater than 300 px for email), maximum $5\,\mathrm{MB}$



Notice how the image will auto-crop to the center square

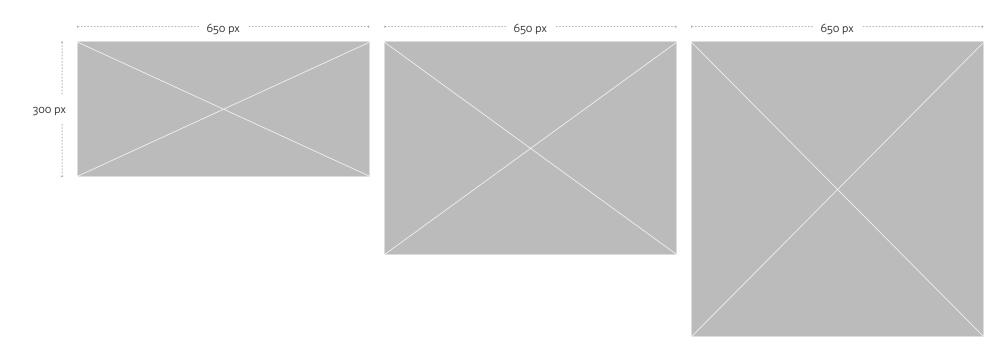


Provide a square crop (minimum 1200 x 1200 px) if the auto-centered square isn't suitable.

Emails (Membership and more)

Email hero image specs

Upload size: 650 x any height greater than 300 px (recommended maximum height of 500 px)

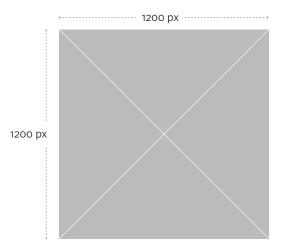


Facebook

Facebook post images

Minimum upload size: 1200 x 1200 px

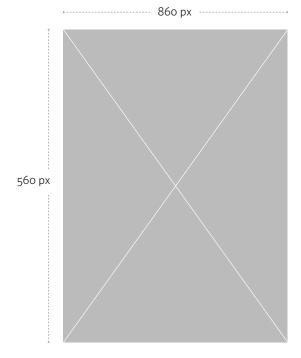
Do not allow text to take up more than 20% of the total area



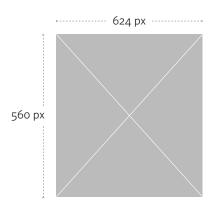
Lightbox

Standard lightbox images

Upload sizes: 860 x 1200 px (desktop) and 560 x 624 px (mobile)



Logo is in upper left corner



Mobile-sized asset Logo is in upper right corner

Note: These modules should simply be photographs. They will sit next to a module of a solid background, text, and CTA button, as shown in the examples below.





WEB PAGES

Homepage tiles

Homepage tile specs

Recommended upload size: 1920 x 1080 px Images must be larger than 828×828 px (less than 10 MB) Note that the lower 1/3 of image is obscured by text box.

Accepted file types: jpg (preferred), jpeg (preferred), png

Crops

No crops. Displays as uploaded.

Optional smartphone upload field.

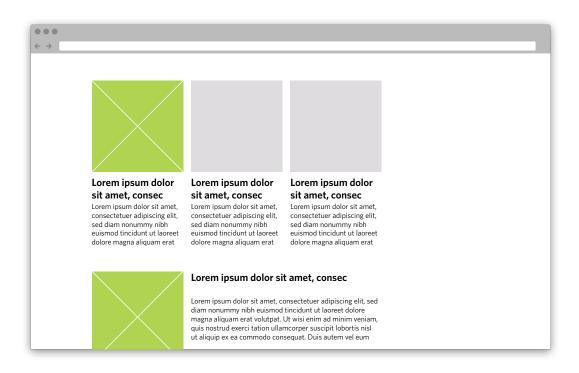




Small thumbnail specs

Recommended upload size: 1920 x 1080 px Images must be larger than 900 x 900 px (less than 5 MB) Crops Square: 900 x 900 px

Accepted file types: png, gif, jpg, jpeg

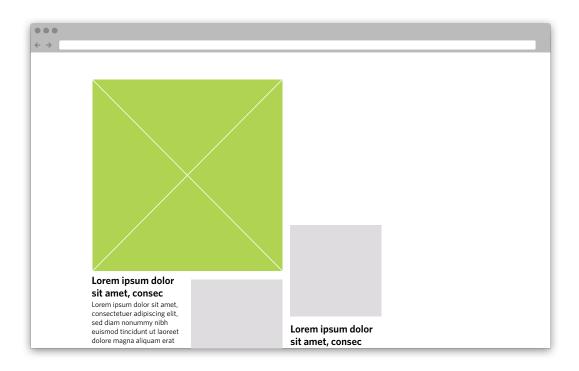




Large thumbnail specs (some landing page templates)

Recommended upload size: 1920 x 1080 px Images must be larger than 900 x 900 px (less than 10 MB) Crops
Square: 900 x 900 px

Accepted file types: png, gif, jpg, jpeg





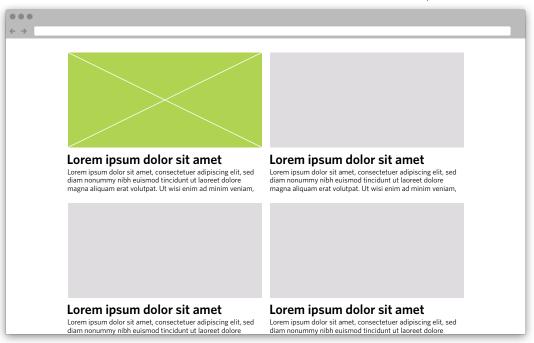
Rectangular tile specs (hub template only)

Recommended upload size: 1400 x 900 px Images must be larger than 960 x 540 px (less than 10 MB) Note: This template crops top and bottom slightly.

Accepted file types: png, gif, jpg, jpeg

Crops

Square: 900 x 900 px Rectangle: 1200 x 900 px Not required to select a 900 x 900 crop. Square crops don't need to be saced as seaprate assets





Single-image hero specs

Recommended upload size: 1920 x 1080 px Images must be larger than 1200 x 900 px (less than 10 MB)

Accepted file types: png, gif, jpg, jpeg

Crops

Square: 900 x 900 px Rectangle: 960 x 540 px





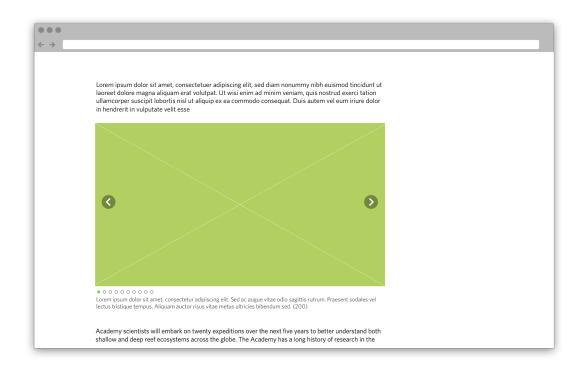
Slideshow hero specs

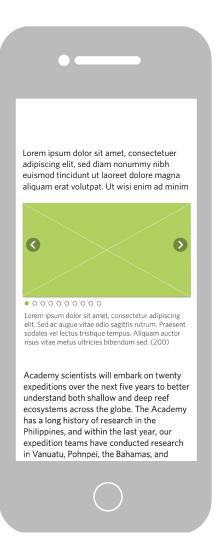
Upload size: 1920 x 1080 px Images must be larger than 1200 x 900 px (less than 10 MB)

Accepted file types: png, gif, jpg, jpeg

Crops

Square: 900 x 900 px Rectangle: 960 x 540 px





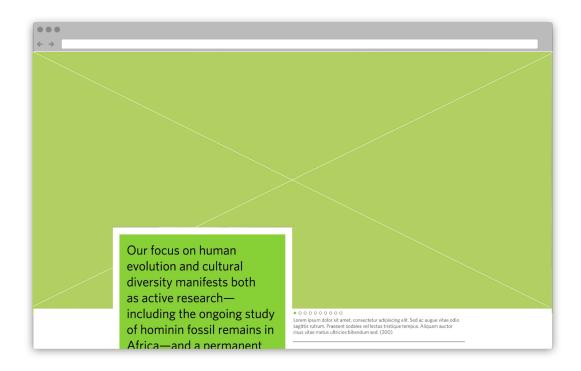
Slideshow hero large specs

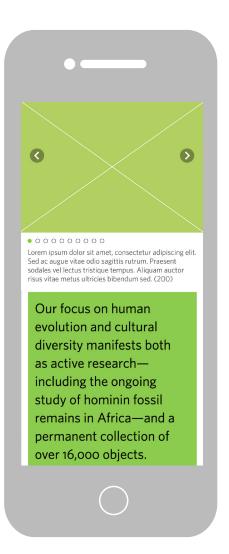
Recommended upload size: 1920 x 970 px Images must be larger than 1400 x 900 px (less than 6 мв)

Accepted file types: png, gif, jpg, jpeg

Crops

Square: 900 x 900 px Rectangle: 1920 x 970 px





WEB PAGES

Page hero large in hub page

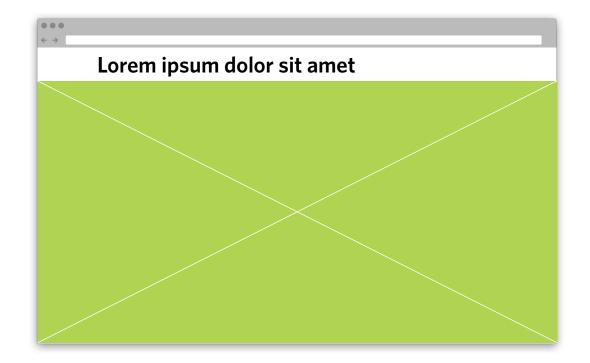
Page hero large in hub page template specs

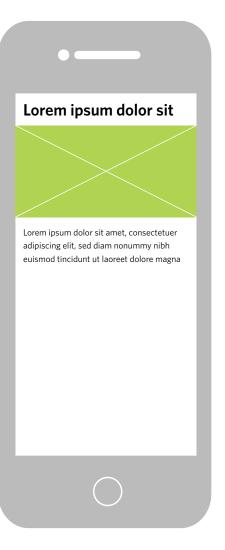
Recommended upload size: 1920 x 970 px Images must be larger than 1400 x 900 px (less than 6 MB)

Accepted file types: png, gif, jpg, jpeg

Crops

Square: 900 x 900 px Rectangle: 1920 x 970 px





CALIFORNIA ACADEMY OF SCIENCES

Title slides for 1920 x 1080 frames



Logo and copyright for 1920 x 1080 px frame



VIDEOLower thirds

Lower thirds for 1920 x 1080 px frame



Whitney Semibold

Size: 51 px Color: White

Details

Whitney Medium

Size: 43 px

Color: Academy Green

Bars

Black, 100% opacity. If video area is black, the bars should be colored #393939 Top inner margin: 17 px for name bar, 6 px for detail bars Bottom inner margin: 18 px for name bar, 21 px for detail bars

Left inner margin: 19 px Right inner margin: 19 px

Inner margin

96 px (1/20 the frame width)



Position next to face, when possible

Do not place in bottom 1/3 of frame

Animation sequence







Long text in 1920 x 1080 px frame:

General Academy videos

Inner margin

170 px

All sides except bottom



Text

Whitney Medium
Size: 130 px
Leading: 150 px
Color: White
Alignment: Left
Oldstyle numerals and
curly punctuation

2.0 p.

Bottom margin

210 px

Planetarium videos

Inner margin

170 px

All sides except bottom

Atiatem cus essit dia volorendis ut re, omnist et nia 24 occatem sunt faccum quae es conecte.

Bottom margin

210 px

Background color

Sky

Text

Whitney Medium
Size: 130 px
Leading: 150 px
Color: Black
Alignment: Left
Oldstyle numerals and
curly punctuation

Interview question in 1920 x 1080 px frame:

No person

Inner margin 96 px (minimum)

What tools do you need to study floral scents?

Top margin

325 px

Interview question

Whitney Medium
Size: 90 px size
Leading: 92 px leading
Color: White (or Sky, for
Planetarium videos)
Alignment: Centered

When possible, do not end lines with single words.

With person on left

If person is on the right of the frame, position text on the left. The top margin stays the same. The text start point reverses to 1152 px in from right edge. Maintain a 96 px inner margin.



Top margin

270 px

Text start point 1152 px in from left edge

Inner margin 96 px

VIDEOCaptioning

Caption specs



Caption

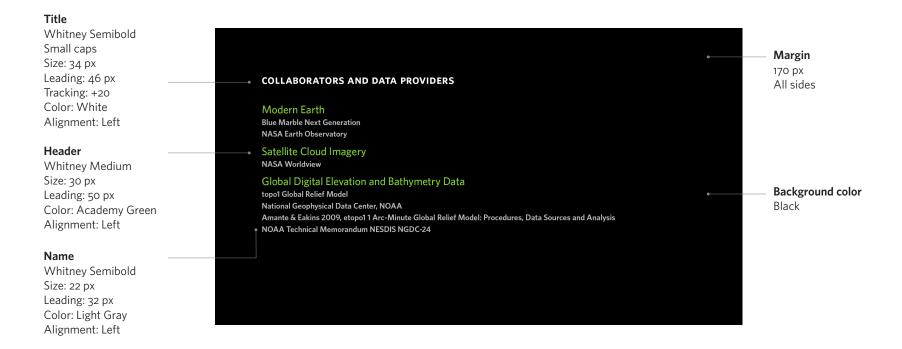
Whitney (or else Corbel) Color: White Background: Black

Centered on screen, in bottom third portion

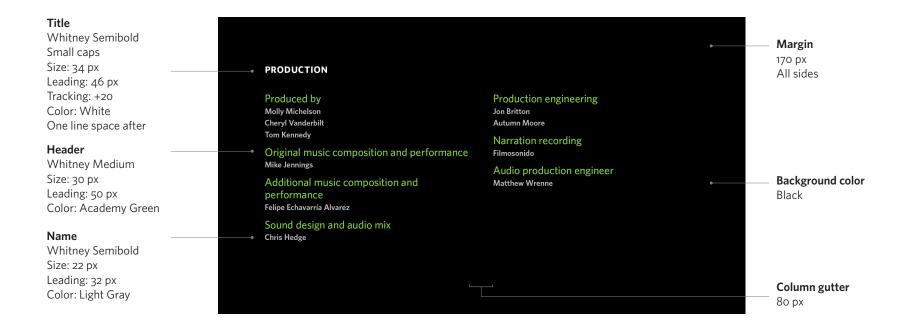
Two-column credits, no list title



One-column credits, with list title



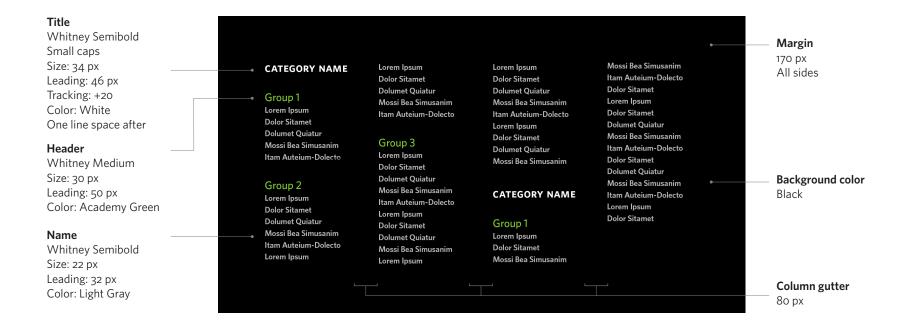
Two-column credits, with one list title



Two-column credits, with two list titles



Four-column credits

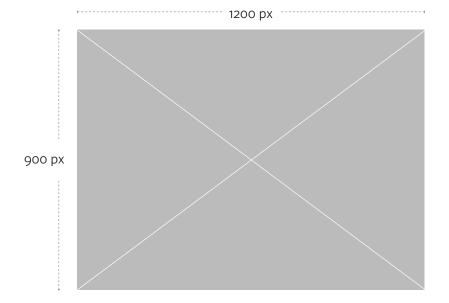


STREAMYARD

Event page graphics

Event page graphic specs

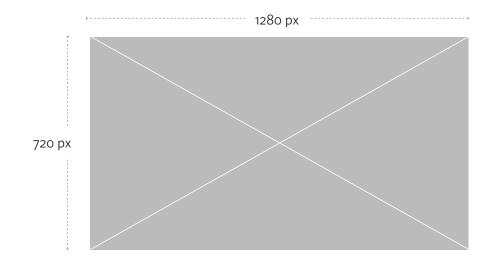
Upload size: 1200 x 900 px



Waiting room video, countdown, transition specs

Upload size: 1280 x 720 px

Waiting room video: MP4, 3 minutes, less than 100 MB Countdown: MP4, 3 minutes, less than 100 MB Transition: MP4, ~20 seconds, less than 100 MB



ZOOM

Assets and graphics

Logo specs

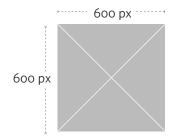
Upload size: 600 x 600 px

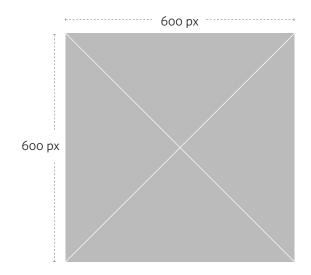
Accepted file types: jpg, 24-bit png

Landing page graphic specs

Upload size: 1280 x 1280 px (less than 1024kb)

Accepted file types: gif, jpg, 24-bit png



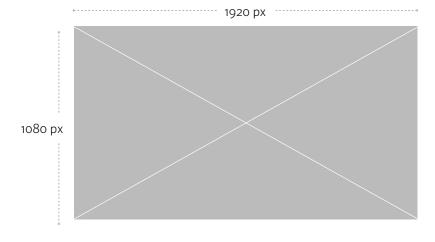


Streaming graphics and custom backgrounds specs

Upload size: 1920 x 1080 px

Accepted file types for animated waiting room graphic, animated coundown, intrographic, speaker frames/lower thirds, transition graphics between speakers: transparent gif and transparent png

Accepted file types for custom backgrounds: jpg



TYPOGRAPHY Accessibility

	COLOR	NY GREET	EAL	/ /	/ /	/ /	<u>, </u>	<u>, </u>	/ /	TEAL	/ /	/ /			CRAY	M GRAY
ACKGROUND COLOR	TEXT COLOR	DARK T	WHITE	BLACK	RED	ORAN	JE VELLO	N GRASS	LIGHT	SKY	BAY	OCEAN	PURPL	E DARK	MEDII	JM GRAY
ACADEMY GREEN		AA18		AAA									AA18	AA		
DARK TEAL	AA18		AA	AA18			AA18									AA18
WHITE		AA		AAA	AA18						AA18	AA	AA	AAA	AA18	
BLACK	AAA	AA18	AAA		AA	AAA	AAA	AAA	AAA	AAA	AA	AA18	AA18		AA	AAA
RED			AA18	AA												
ORANGE				AAA										AA18		
YELLOW		AA18		AAA									AA18	AA		
GRASS				AAA										AA18		
LIGHT TEAL				AAA										AA		
SKY				AAA										AA18		
ВАУ			AA18	AA										AA18		
OCEAN			AA	AA18												
PURPLE	AA18		AA	AA18			AA18									AA18
DARK GRAY	AA		AAA			AA18	AA	AA18	AA	AA18	AA18					AA
MEDIUM GRAY			AA18	AA												
LIGHT GRAY		AA18		AAA									AA18	AA		

Case, letterspacing, and leading

Always set type to create a comfortable reading experience. Especially when setting longer portions of text, use sentence case and set leading at 120 percent of the text point size.

Case

Sentence case: Body text, subheader copy, titles unless requested in Title Case.

SMALL CAPS: ACRONYMS, OUR NAME, SOME SUBHEADERS (LIMITED USE). Always add 50 points of letterspacing to small caps.

X ALL CAPS: NEVER USE

Letterspacing and kerning

Apply optical letterspacing to all of our text. When setting Whitney at very large sizes, apply manual letterspacing (kerning) between letters.

✓ Optical letterspacing, with manual kerning (preferred)

Academy

X Default metric letterspacing (not preferred)

Academy

Leading

Leading should, in general, be 120% the point size of the text.



X 100% (11/11)

This is set in Whitney Book at 11 point size and 11 points of leading, which is too tight. ✓ 120% (11/13)

This is set in Whitney Book at 11 point size and 13 points of leading, which helps to create a comfortable reading experience. X 136% (11/15)

This is set in Whitney Book at 11 point size and 15 points of leading, which is too loose.

TYPOGRAPHY

Styling

Refer to the full Brand Guidebook for details on usage.

In general, align text flush left. Rarely may text be centered. Never align text flush right.

Style bullets as hanging sideways double chevrons.

Do not underline text. Italics may be used sparingly, and are always applied to exhibit titles and the Latin names of organisms.

Use curly punctuation in our communications. Use oldstyle numerals, which flow better within text. However, lining figures can be used in charts and tables, and as page numbers.

Exhibit titles and Latin names, like *Homo sapiens*, should always be italicized.

X Please do not underline text.

List with chevron-style bullets hanging to left of column and oldstyle numerals:

- » 76 butterflies
- » 25 flowers
- » 49 beetles
- » 38 caterpillars
- » 101 ants

"Use OpenType Stylistic Set 17 for curly punctuation, which includes commas, semicolons, apostrophes, and quotation marks."

X This is "straight punctuation," which is not part of our brand style.

TYPOGRAPHY

Setting in software

Setting type in Photoshop

For a tutorial with screenshots, click here.

Photoshop doesn't allow the selection of only particular stylistic alternates for OpenType fonts, but applies either all or none. <u>Here's a Photoshop file (curly.psd)</u> that can be used to import the styles needed. Download that file, then take these steps:

- 1. Open a Photoshop file with your artwork in it (not curly.psd).
- Go to Window > Paragraph Styles, open up the options (click the 4-bar menu icon at the top right), and select Load Paragraph Styles.
- Find curves.psd on your computer and select it. This loads a style called Whitney Book 20pt black + optical kerning + oldstyle figures. Double click to make changes as needed to the font style, font size, and color, then rename the style to match.
 NOTE: In OpenType Features, do not check
 - Stylistic Alternates, as that will universally apply undesirable alternative letterforms.
- 4. Go to Window > Character Styles, open the options to select Load Character Styles.
- Find curves.psd on your computer and select it.
 This will load a style called curly punctuation.
 If you look in the OpenType Features, you'll see that Stylistic Alternates is checked.

- Apply the paragraph style to your text: Select your text layer. Then in the Paragraph Styles dialog, click the new style to apply it to the layer. If a little + sign appears, click the curved back arrow button on the bottom to clear overrides.
- 7. Apply the character style to your punctuation: Using the Type Tool, highlight the punctuation mark. Then in the Character Styles dialog, click the new style to apply it to the punctuation. NOTE: Do not to apply the character style to the entire text block, as that will apply undesirable alternative letterforms to the entire text block and not just the punctuation.

Setting type in InDesign

For a tutorial with screenshots, click here.

The easiest way to set type correctly in InDesign is to set the Basic Paragraph style when you first create the file.

- 1. Go to Window > Styles > Paragraph Styles.
- 2. Double click to edit [Basic Paragraph].
- 3. In Basic Character Formats, set the font to Whitney Book with Optical kerning.
- 4. In Indents and Spacing, set the alignment to Left.
- 5. In Hyphenation, make sure that Hyphenate is unchecked.
- 6. In OpenType Features, enable Contextual Alternates.
- 7. Set the Figure Style to Proportional Oldstyle.
- 8. Click the arrow next to Stylistic Sets, and choose 17.

Primary palette

Academy Green
PMS 2299 U
C35/M0/Y86/K0
PMS 2299 C
C38/M0/Y94/K0
R135/G208/B54
#87D036

Dark Teal

PMS 3295 U

C100/M0/Y55/K28

PMS 3295 C

C/100/M0/Y61/K28

R22/G101/B114

#166572

White Co/Mo/Yo/Ko R255/G255/B255 #FFFFFF Black Co/Mo/Yo/K100 Ro/Go/Bo #000000

Secondary palette

When setting text on secondary colors, use white text on the colors as shown.

Red PMS 2347 U Co/M89/Y100/K0 PMS 2028 C Co/M86/Y100/K0 R235/G51/B0 #EB3300	Orange PMS 151 U Co/M50/Y99/K0 PMS 151 C Co/M54/Y100/K0 R240/G112/B58 #F0703A	Yellow PMS 122 U Co/M16/Y97/Ko PMS 1235 C Co/M25/Y94/Ko R255/G184/B28 #FFB81C	Grass PMS 2271 U C66/Mo/Y90/Ko PMS 2271 C C74/Mo/Y99/Ko R37/G189/B89 #25BD59	Light Teal PMS 3285 U C100/M0/Y56/K9 PMS 3285 C C/100/M0/Y57/K1 R0/G194/B166 NOT USED ON WEB	Sky PMS 2199 U C77/Mo/Y4/Ko PMS 2199 C C73/Mo/Y7/Ko R0/G187/B222 #00BBDE
Bay PMS 2925 U C78/M26/Yo/Ko PMS 2925 C C75/M18/Yo/Ko R0/G156/B222 #009CDE	Ocean PMS 3005 U C99/M45/Y0/K1 PMS 2935 C C100/M63/Y0/K2 R0/G120/B191 #0078BF	Purple PMS 2745 U C86/M95/Y0/K0 PMS 7670 C C76/M75/Y0/K0 R97/G85/B154 #61559A	Dark Gray 433U C63/M50/Y32/K57 PMS 7540C C67/M54/Y46/K40 R65/G65/B65 #414141	Medium Gray COOL GRAY 11U C47/M36/Y29/K26 COOL GRAY 9C C50/M40/Y34/K17 R125/G125/B125 #7D7D7D	Light Gray COOL GRAY 4U C25/M18/Y16/K3 COOL GRAY 4C C24/M17/Y15/K0 R186/G186/B186 #BABABA

GRAPHIC MOTIF

Construction

Building the motif



Step 1: Draw a rectangle filled with a brand color.



Step 2: Curve one corner of the rectangle.



Step 3: Repeat steps 1 and 2 to create a second shape and place it so that it is horizontally reflected from the first shape but is not symmetrical.

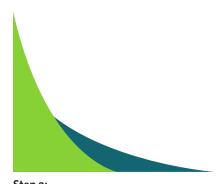


Step 4: Adjust the opacity of the curves so that the intersected area is visible.

Building the corner motif



Step 1:Draw a triangle filled with a brand color.



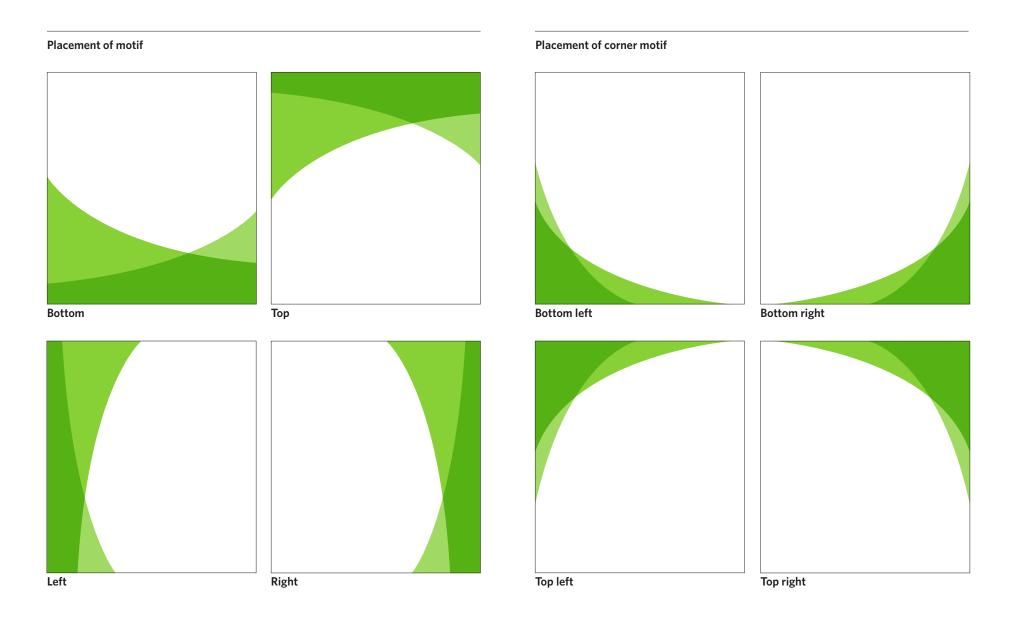
Repeat steps 1 and 2 to create a second shape and place it upon the first shape so that together they create a corner shape.



Step 2: Curve one corner of the triangle.



Adjust the opacity of the curves so that the intersected area is visible.



ELEMENT

QR codes

QR code specs

Size: 1 x 1 in.

Ensure high visual contrast between graphic and background Use transparent background, solid QR artwork Include headline and call-to-action text, small URL and QR code as a unit

Body shape: small dots

Eye frame shape: standard share

Eye ball shape: single circle

Save as .svg

Create code at **qrcode-monkey.com**

