Design Principles

for user interface design

Layout & Composition



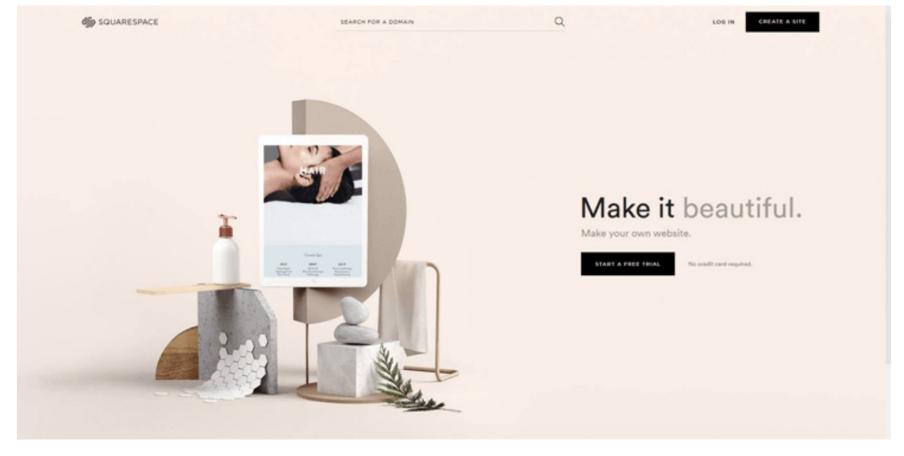


WHITESPACE

- The negative space in your composition
- Keeps your design from feeling cluttered
- Draw the user's attention to certain elements



Whitespace makes your content easier to read and can help create visual balance



Whitespace isn't always white; it's the negative space between the elements in your composition



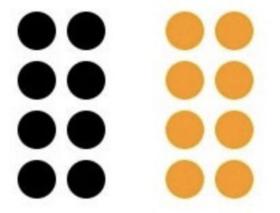
Whitespace helps the user focus on certain elements on the page

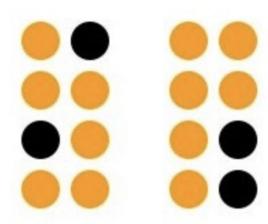


Whitespace is your friend

Proximity

- Placing related elements close to one another provides context and meaning
- Proximity overrides other principles like color in how we perceive groups





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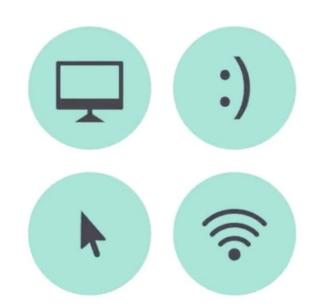




Kenya Reed

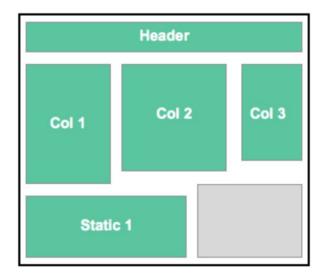
Web Designer

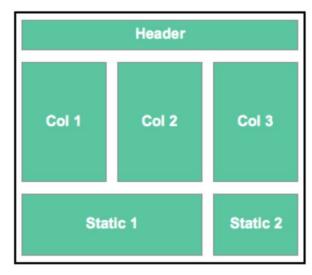
555.168.4982 kenya@reedweb.com www.reedweb.com



Alignment

- Makes it easier to find what you are looking for
- Creates a clean, crisp aesthetic









no evil





no evil



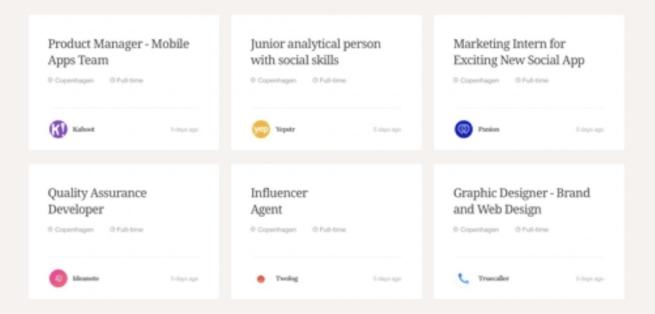
SPEAK

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Find a job you love









UI Design Guidelines

A introduction

Credits: Nick Babich and Apple's Human Interface Guidelines

How big should my buttons be?

$$ext{MT} = a + b \cdot ext{ID} = a + b \cdot \log_2 \left(rac{2D}{W}
ight)$$

How big should my buttons be?

Hit Targets

Create controls that measure at least 44 points x 44 points so they can be accurately tapped with a finger.

Learn more >



Text Size

Text should be at least 11 points so it's legible at a typical viewing distance without zooming.

Learn more >

Heading

Sub-Headline

Adipiscing elit. Sed neque nisl, blandit vel ipsum eu, imperdiet blandit lectus. Morbi tristique urna ut volutpat ornare. Curabitur semper vitae urna ac tempus. Duis vehicula elit nulla, eleifend egestas nisl vehicula nec. Nullam varius est dui, nec accumsan lectus posuere ut. Nullam viverra purus laoreet euismod tempor.

Adipiscing elit. Sed neque nisl, blandit vel ipsum eu, imperdiet blandit lectus. Morbi tristique urna ut volutpat ornare. Curabitur semper vitae urna ac tempus. Duis vehicula elit nulla eleifend.

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Spacing

Don't let text overlap. Improve legibility by increasing line height or letter spacing.

Learn more >

Heading

Sub-Headline

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ipsum eu, imperdiet blandit lectus. Morbi tristique urna ut volutpat ornare. Curabitur semper vitae urna ac tempus. Duis vehicula elit nulla, eleifend egestas nisl vehicula nec. Nullam varius est dui, nec accumsan lectus posuere ut. Nullam viverra purus laoreet euismod tempor.

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Contrast

Make sure there is ample contrast between the font color and the background so text is legible.

Learn more >

Heading

Sub-Headline

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Heading

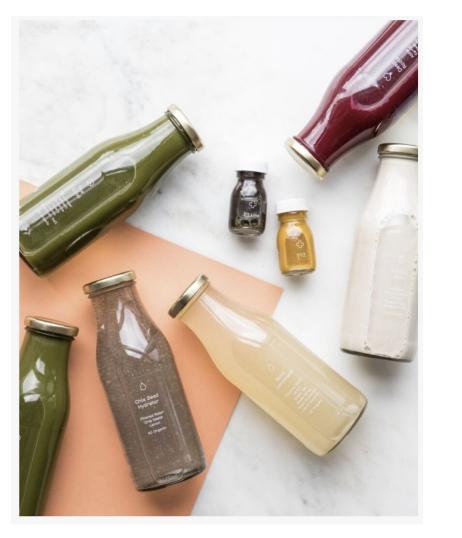
Sub-Headline

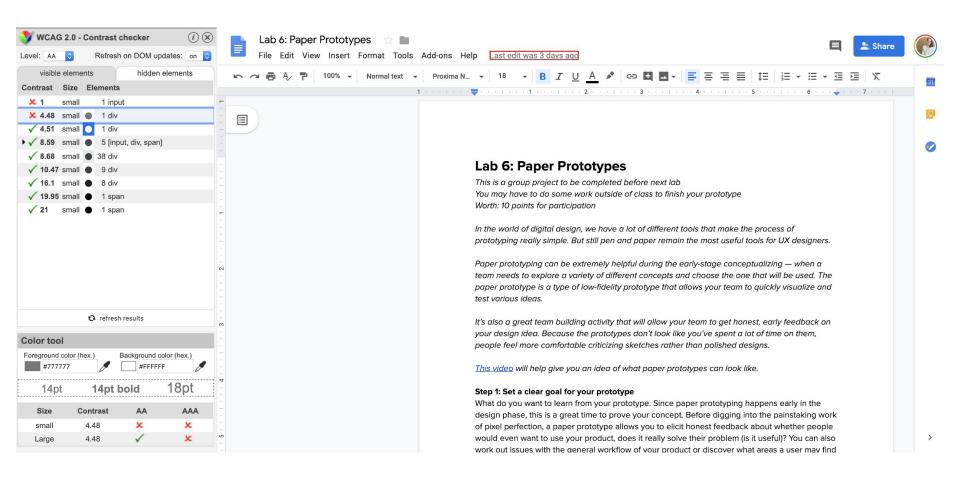
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What is the time?

Which is the easiest to read and why?



Templates

Squarespace websites are created with modern browsers and mobile devices in mind. They employ the latest HTML. CSS and Javascript techniques.



Customization

Make any design your own using the Style Editor. Personalize fonts, colors, and layouts to create the custom look you want.



Domains

Squarespace makes adding your custom domain simple, and every annual account receives a free custom domain.



Social

Import. Sync. Publish. Make your website the center of your online identity on the web with our powerful social integrations.



SEO

Squarespace websites are loved by search engines. They include clean article links, proper tagging. XML sitemaps, and valid XHTML code.



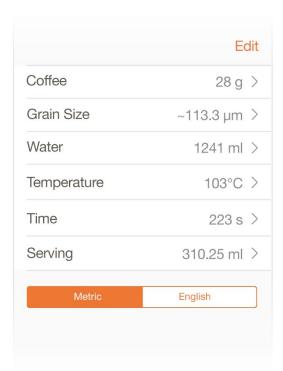
Analytics

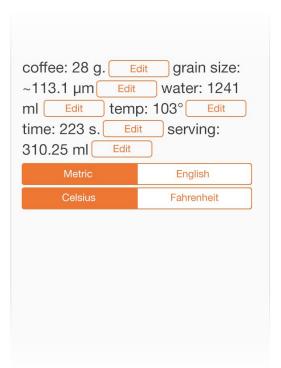
View the traffic and behavior of visitors in real-time. Learn where they're coming from, and what search keywords they're using to find you.

Organization

Create an easy-to-read layout that puts controls close to the content they modify.

Learn more >









Alignment

Align text, images, and buttons to show users how information is related.

Learn more >



Adipiscing elit. Sed neque nisl, blandit vel ipsum eu, imperdiet blandit lectus. Morbi tristique urna ut volutpat *ornare** Curabitur. semper vitae urna ac

adipiscing elit. Sed neque nisl, blandit vel ipsum eu, imperdiet blandit lectus. Morbi tristique urna ut volutpat ornare. Curabitur semper vitae urna ac tempus.

*Ornare mperdiet blandit lectus. Morbi tristique



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*ornare mperdiet blandit lectus. Morbi tristique

Continue

Adipiscing elit. Sed neque nisl, blandit vel ipsum eu, imperdiet blandit lectus.

Morbi tristique urna ut volutpat ornare. Curabitur semper vitae urna ac tempus.





SCHOOLS, COLLEGES, & DEPARTMENTS ACADEMICS & RESEARCH ADMINISTRATION ATHLETICS & RECREATION EMPLOYMENT GIVING TO U-M **HEALTH & MEDICAL RESOURCES** INTERNATIONAL RESOURCES LIBRARIES & ARCHIVES MUSEUMS & CULTURAL ATTRACTIONS **NEWS & EVENTS** STATE & COMMUNITY PARTNERSHIPS

Schools, Colleges, & Departments Academics & Research Administration Athletics & Recreation Employment Giving to U-M Health & Medical Resources International Resources Libraries & Archives Museums & Cultural Attractions News & Events State & Community Partnerships

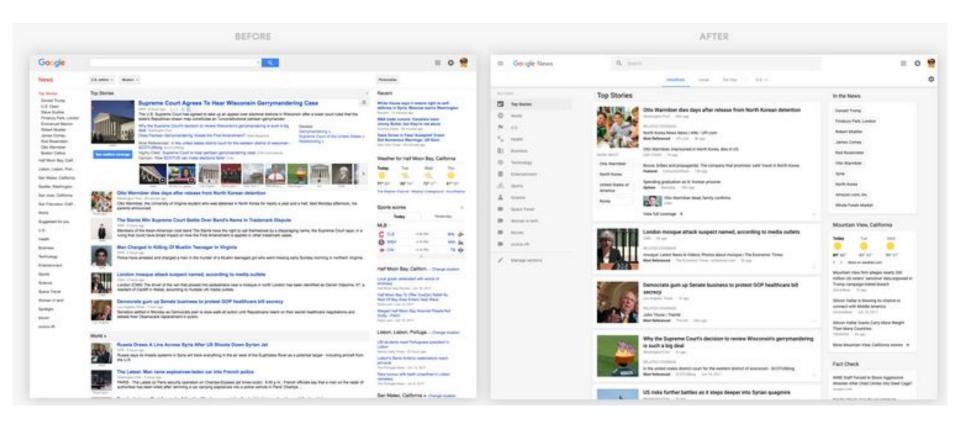
Which is better and why?



STUDENTS **FACULTY AND STAFF** PARENTS ALUMNI VISITORS AND NEIGHBORS ABOUT VANDERBILT COLLEGES AND SCHOOLS MEDICAL CENTER **NEWS AND MEDIA** RESEARCH LIBRARIES ARTS INTERNATIONAL **JOBS TECHNOLOGY** ATHLETICS

Navigation menus from three university websites. Left to right:

Indiana University, University of Michigan, and Vanderbilt University.



What's better about the "after" version?

Pennsylvania Bedford Motel/Hotel: Crinaline Courts (814) 623-9511 S: \$118 D: \$120 Bedford Motel/Hotel: Holiday Inn (814) 623-9006 S: \$129 D: \$136 Bedford Motel/Hotel: Midway (814) 623-8107 S: \$121 D: \$126 Bedford Motel/Hotel: Penn Manor (814) 623-8177 S: \$119 D: \$125 Bedford Motel/Hotel: Quality Inn (814) 623-5189 S: \$123 D: \$128 Bedford Motel/Hotel: Terrace (814) 623-5111 S: \$122 D: \$124 Bradley Motel/Hotel: De Soto (814) 362-3567 S: \$120 D: \$124 Bradley Motel/Hotel: Holiday House (814) 362-4511 S: \$122 D: \$125 Bradley Motel/Hotel: Holiday Inn (814) 362-4501 S: \$132 D: \$140 Breezewood Motel/Hotel: Best Western Plaza (814) 735-4352 S: \$120 D: \$127 Breezewood Motel/Hotel: Motel 70 (814) 735-4385 S: \$116 D: \$118

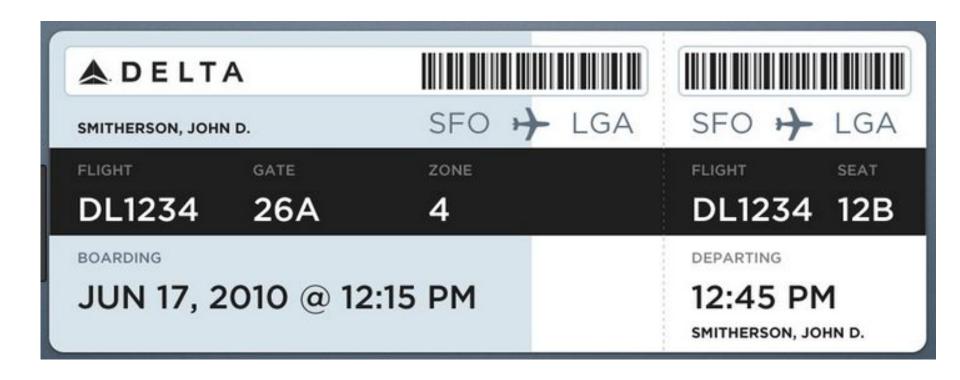
What is the price of a double room at the Quality Inn in Pennsylvania?

		Area		Rates	
City	Motel/Hotel	code	Phone	Single	Double
Charleston	Best Western	803	747-0961	\$126	\$130
Charleston	Days Inn	803	881-1000	\$118	\$124
Charleston	Holiday Inn N	803	744-1621	\$136	\$146
Charleston	Holiday Inn SW	803	556-7100	\$133	\$147
Charleston	Howard Johnsons	803	524-4148	\$131	\$136
Charleston	Ramada Inn	803	774-8281	\$133	\$140
Charleston	Sheraton Inn	803	744-2401	\$134	\$142
Columbia	Best Western	803	796-9400	\$129	\$134
Columbia	Carolina Inn	803	799-8200	\$142	\$148
Columbia	Days Inn	803	736-0000	\$123	\$127
Columbia	Holiday Inn NW	803	794-9440	\$132	\$139
Columbia	Howard Johnsons	803	772-7200	\$125	\$127
Columbia	Quality Inn	803	772-0270	\$134	\$141
Columbia	Ramada Inn	803	796-2700	\$136	\$144
Columbia	Vagabond Inn	803	796-6240	\$127	\$130

How much for a single room at the Quality Inn in Columbia?



Where's my seat?



Where's my seat?



How to Train Your Brain to Remember Almost Anything

Four techniques for storing knowledge you might otherwise forget



Thomas Oppong October 16 ⋅ 5 min read ★



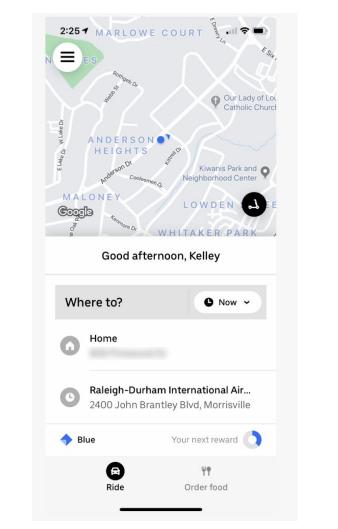
Photo: tunart/Getty

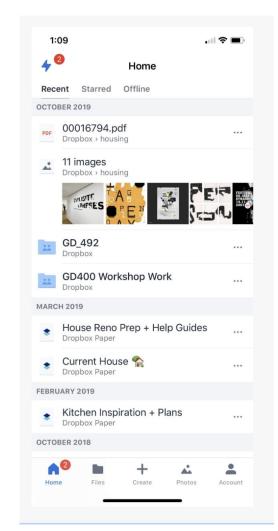
Success is largely based on what you know - everything you know informs the choices you make. And those choices are either getting you closer to what you want or increasing the distance between you and

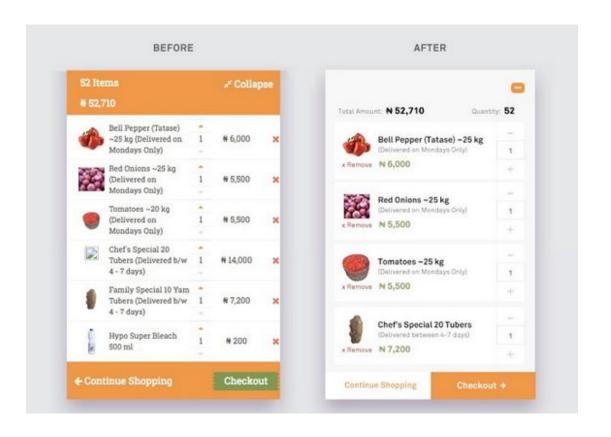








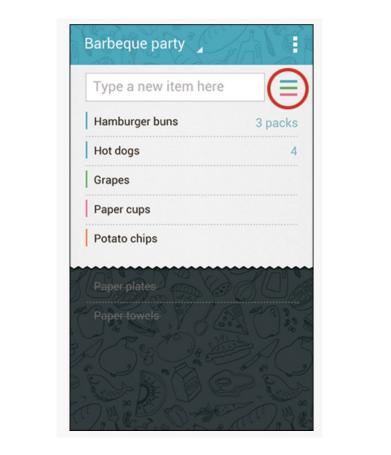




Color also creates visual hierarchy. Use color wisely!



Label your icons!









Home > What & Why of Usability > Visual Design Basics







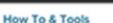




Visual Design Basics

Visual design focuses on the aesthetics of a site and its related materials by strategically implementing images, colors, fonts, and other elements. A successful visual design does not take away from the content on the page or function. Instead, it enhances it by engaging users and helping to build trust and interest in

wsability.gov



@ @ @ @ @ Swv



Search

Home > What & Why of Unability > Visual Design Basics







What & Why of Usability





Basic Elements of Visual Design

The basic elements that combine to create visual designs include the following:

- Lines connect two points and can be used to help define shapes, make divisions, and create textures. All lines, if they're straight, have a length, width, and direction.
- Shapes are self-contained areas. To define the area, the graphic artist uses lines. differences in value, color, and/or texture. Every object is composed of shapes.
- · Cofor patiette choices and combinations are used to differentiate items, create depth, add emphasis, and/or help organize information. Color theory examines how various

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