

Converting Colors

XYZ(63.0860, 58.6451, 33.9812)

Have a look what the booklet for
XYZ(63.0860, 58.6451, 33.9812)
contains.

XYZ(63.0860, 58.6451, 33.9812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.0860, 58.6451,
33.9812)**

Conversions

Conversions Part 1

Format	Color
Hex	FCBC8F
RGB	252, 188, 143
RGB Percent	99%, 74%, 56%
CMY	0.0118, 0.2627, 0.4392
CMYK	0.00, 0.25, 0.43, 0.01
HSL	25°, 95%, 77%
HSV	25°, 43%, 99%
XYZ	63.0860, 58.6451, 33.9812
YIQ	202.0060, 52.5890, -0.4270

Conversions

Conversions Part 2

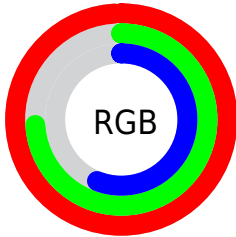
Format	Color
R _Y B	252, 220, 143
Decimal	16563343
CIE Lab	81.10, 17.63, 31.75
CIE LCh	81, 36.313, 60.953
Yxy	58.6451, 0.4051, 0.3766
Android (android.graphics.Color)	4294753423 (0xFFFCBC8F)
YUV	202.0060, -29.0900, 43.8447
Hunter-Lab	76.5801, 13.0316, 27.2971

Details

The XYZ color **63.0860, 58.6451, 33.9812** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.2101, 57.4910, 100.4930**, and the grayscale version is **56.2969, 59.2287, 64.5001**.

A 20% lighter version of the original color is **83.6687, 89.9926, 65.7838**, and **32.5881, 29.4381, 14.0898** is the 20% darker color. If you saturate the color by 10%, you get **58.3872, 51.9671, 24.0311**, and if you desaturate by 10%, it is **68.5406, 66.1483, 46.2998**.

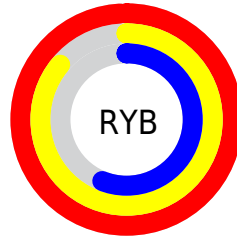
Distribution



Red (99%)

Green (74%)

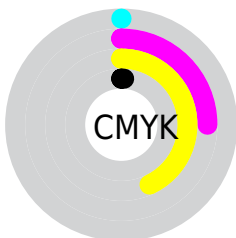
Blue (56%)



Red (99%)

Yellow (86%)

Blue (56%)

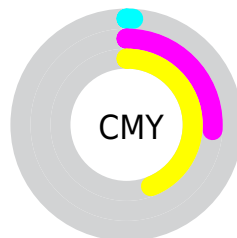


Cyan (0%)

Magenta (25%)

Yellow (43%)

Black (1%)



Cyan (1%)


Magenta (26%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.0860, 58.6451, 33.9812 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 63.0860, 58.6451, 33.9812 by changing the saturation by 10% instead.


 63.0860, 58.6451,
33.9812

 63.0860, 58.6451,
33.9812


425.5362,
419.5854, 334.8148

 46.1697, 42.3275,
22.6019


 108.3747,
102.8617, 67.0380

 32.5849, 29.3578,
14.0973


 137.4778,
131.5294, 89.5526

 21.9664, 19.3517,
8.0489

171.3738,
165.0827, 116.6160

 13.9487, 11.9247,
4.0380

210.4282,
203.9059, 148.6468

 8.1664, 6.6924,
1.6462

255.0063,
248.3833, 186.0636

 4.2543, 3.2705,
0.3235

305.4735,

 1.8470, 1.2745,

298.8995, 229.2848

0.0000

362.1950,
355.8387, 278.7290

■ 0.5457, 0.1213,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.0860, 58.6451,
33.9812

■ 63.0860, 58.6451,
33.9812

■ 58.3872, 51.9671,
24.0311

■ 68.5406, 66.1483,
46.2998

■ 54.4010, 46.0748,
16.2898

■ 74.7822, 74.4974,
61.1253

■ 51.0861, 40.9376,
10.5828

■ 81.8455, 83.7228,
78.5895

■ 48.3938, 36.5190,
6.7077

■ 89.7616, 93.8506,
98.8140

■ 46.2669, 32.7777,
4.4186

93.9548, 99.4354,
108.8487

■ 45.1001, 30.6061,
3.5305

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.1322, 58.6451, 44.7782



63.0860, 58.6451, 33.9812



55.4995, 58.6451, 30.6667

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.0860, 58.6451, 33.9812



42.4554, 58.6451, 64.5480



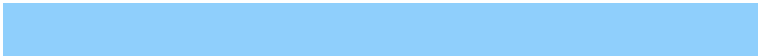
63.5409, 58.6451, 106.5304

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



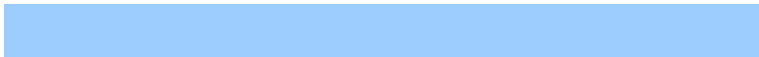
63.0860, 58.6451, 33.9812



51.2101, 57.4910, 100.4930

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.9820, 58.6451, 115.0645



63.0860, 58.6451, 33.9812



44.2004, 58.6451, 87.6997

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0860, 58.6451, 33.9812



43.9940, 58.6451, 45.7295



48.9884, 58.6451, 107.5053



69.4111, 58.6451, 86.2293

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0860, 58.6451, 33.9812



50.7113, 58.6451, 32.3792



48.9884, 58.6451, 107.5053



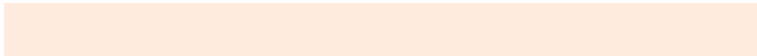
61.0915, 58.6451, 111.0518

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.0875, 58.6479, 33.9824



84.2672, 86.2509, 81.2086



61.4020, 44.9146, 65.3663



17.6767, 17.9953, 16.4793



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0875, 58.6479, 33.9824



60.5295, 54.1788, 25.8099



76.5877, 85.6483, 38.4824



17.8333, 18.4024, 18.0745



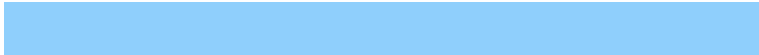
23.6302, 16.2170, 1.8848



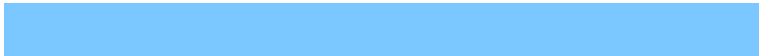
2.2902, 1.7053, 0.2084

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.2101, 57.4910, 100.4930



46.8449, 52.8111, 102.3323



40.4379, 35.9467, 96.9023



17.1300, 18.3367, 22.0218



14.8139, 14.9834, 50.0849



1.4765, 1.5966, 4.6735

Previews

White Background



This preview shows how the XYZ color 63.0860, 58.6451, 33.9812 looks on a white background.

Color Contrast Check

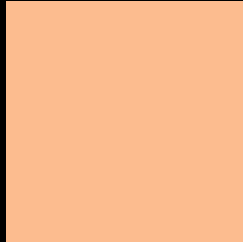
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 63.0860, 58.6451, 33.9812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

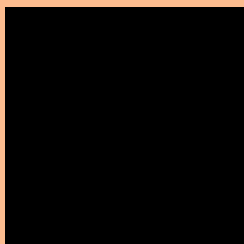
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0860, 58.6451, 33.9812

Background



This preview shows how black text looks on a background with the XYZ color 63.0860, 58.6451, 33.9812.



This preview shows how white text looks on a background with the XYZ color 63.0860, 58.6451,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.0860, 58.6451, 33.9812

Protanopia

54.8642, 59.0099, 36.9322

Deuteranopia

59.8876, 58.6182, 33.7492



Tritanopia

67.8183, 58.6560, 59.3771

Trichromacy



Original Color

63.0860, 58.6451, 33.9812

Protanomaly

57.5458, 58.6971, 35.9004

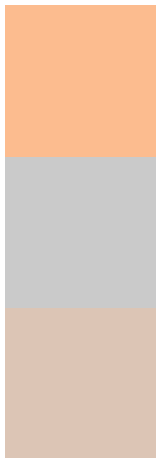
Deuteranomaly

60.8215, 58.4477, 33.6671

Tritanomaly

65.8500, 58.4864, 48.8926

Monochromacy



Original Color

63.0860, 58.6451, 33.9812

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.8219, 58.4843, 51.9571

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0860, 58.6451, 33.9812 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(252, 188, 143)` looks like.

```
.text, #text, p{  
    color:rgb(252, 188, 143)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(252, 188, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 188, 143) }
```

Border

The CSS property to change the border of an element to XYZ 63.0860, 58.6451, 33.9812 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 188, 143) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(252, 188, 143) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(252, 188, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 188, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 188, 143);  
box-shadow:4px 4px 4px 4px rgb(252, 188,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0860, 58.6451, 33.9812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 188, 143) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(252,  
188, 143) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor