

Converting Colors

XYZ(56.9784, 64.0824, 60.2014)

Have a look what the booklet for
XYZ(56.9784, 64.0824, 60.2014)
contains.

XYZ(56.8101, 63.8585, 60.3706)	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(56.8101, 63.8585,
60.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D6C2
RGB	197, 214, 194
RGB Percent	77%, 84%, 76%
CMY	0.2274, 0.1608, 0.2392
CMYK	0.08, 0.00, 0.09, 0.16
HSL	111°, 20%, 80%
HSV	111°, 9%, 84%
XYZ	56.8101, 63.8585, 60.3706
YIQ	206.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

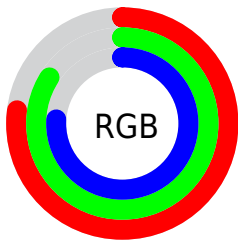
Format	Color
RYB	194, 214, 211
Decimal	12965570
CIELab	83.89, -9.39, 7.92
CIELCh	84, 12.286, 139.849
Yxy	63.8585, 0.3138, 0.3527
Android (android.graphics.Color)	4291155650 (0xFFC5D6C2)
YUV	206.6370, -6.2300, -8.4516
Hunter-Lab	79.9115, -12.9473, 11.1464

Details

The XYZ color **56.8101, 63.8585, 60.3706** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2959, 57.2892, 71.6071**, and the grayscale version is **59.1166, 62.1953, 67.7307**.

A 20% lighter version of the original color is **93.8884, 99.4930, 104.6981**, and **28.4595, 32.5294, 29.5898** is the 20% darker color. If you saturate the color by 10%, you get **50.0985, 60.6584, 48.4008**, and if you desaturate by 10%, it is **64.4462, 67.4989, 74.1931**.

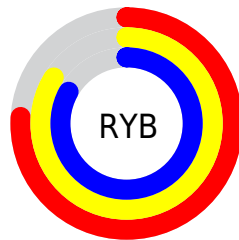
Distribution



Red (77%)

Green (84%)

Blue (76%)



Red (76%)

Yellow (84%)

Blue (83%)

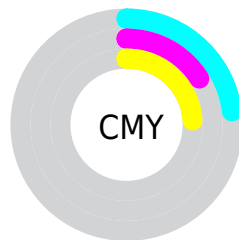


Cyan (8%)

Magenta (0%)

Yellow (9%)

Black (16%)



Cyan (23%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8101, 63.8585, 60.3706 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 56.8101, 63.8585, 60.3706 by changing the saturation by 10% instead.

■ 56.8101, 63.8585,
60.3706

■ 56.8101, 63.8585,
60.3706

402.7630,
438.6785, 443.8050

■ 41.0923, 46.5361,
43.2902

■ 99.3210, 110.4071,
106.9157

■ 28.5792, 32.6691,
29.7798

126.8449,
140.4021, 137.2175

■ 18.9054, 21.8730,
19.4209

159.0348,
175.3901, 172.7634

■ 11.7056, 13.7636,
11.7949

196.2562,
215.7554, 213.9721

■ 6.6143, 7.9565,
6.4833

238.8743,
261.8826, 261.2621

■ 3.2662, 4.0671,
3.0676

287.2546,

■ 1.2961, 1.7112,

314.1558, 315.0518

1.1293

341.7624,
372.9597, 375.7599

■ 0.1803, 0.4309,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8101, 63.8585,
60.3706

■ 56.8101, 63.8585,
60.3706

■ 50.0985, 60.6584,
48.4008

■ 64.4462, 67.4989,
74.1931

■ 44.2712, 57.8740,
38.2011

■ 73.0348, 71.5869,
89.9379

■ 39.2924, 55.4906,
29.6886

■ 82.0891, 75.9319,
104.9375

■ 35.1222, 53.4895,
22.7725

■ 83.3378, 76.5757,
104.9959

■ 31.7172, 51.8506,
17.3531

■ 29.0299, 50.5518,
13.3199

■ 27.0076, 49.5685,
10.5467

■ 25.5895, 48.8728,
8.8847

■ 24.6916, 48.4267,
8.0860

Harmonies

Analogous

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



58.9484, 63.8585, 56.4526



56.8101, 63.8585, 60.3706



55.7233, 63.8585, 66.9413

Triad

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



56.8101, 63.8585, 60.3706



59.7845, 63.8585, 85.2314



65.7151, 63.8585, 64.5998

Complementary

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



56.8101, 63.8585, 60.3706



58.2959, 57.2892, 71.6071

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.



65.9552, 63.8585, 72.1867



56.8101, 63.8585, 60.3706



62.4770, 63.8585, 84.4878

Square

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



56.8101, 63.8585, 60.3706



57.4065, 63.8585, 81.5365



64.7543, 63.8585, 79.5742



64.1079, 63.8585, 58.7660

Rectangle

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



56.8101, 63.8585, 60.3706



55.7189, 63.8585, 72.1077



64.7543, 63.8585, 79.5742



65.9602, 63.8585, 67.0166

Sweetspot

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



56.8119, 63.8612, 60.3720



91.4905, 98.3045, 102.4317



60.7662, 64.7828, 60.3415



19.3838, 20.9464, 21.5640



0.0000, 0.0000, 0.0000



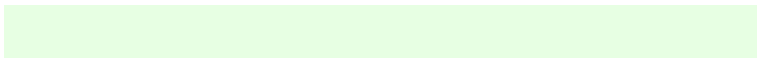
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8119, 63.8612, 60.3720



82.6237, 94.0782, 86.4410



56.8393, 63.7824, 64.5755



12.4340, 13.9844, 13.2046



14.9509, 29.2838, 4.8643



0.9580, 1.7953, 0.2960

Inverse Universe

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



58.2959, 57.2892, 71.6071



85.2148, 82.6018, 106.0602



58.2881, 57.3863, 67.0385



12.7615, 12.5340, 15.6842



19.0541, 8.9753, 39.1813



1.2001, 0.5675, 2.3656

Previews

White Background



This preview shows how the XYZ color 56.8101, 63.8585, 60.3706 looks on a white background.

Color Contrast Check

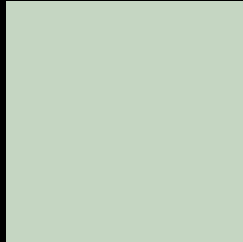
Large Text (above 18pt) WCAG AA × Fail

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 56.8101, 63.8585, 60.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

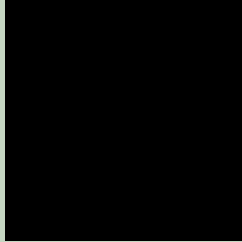
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

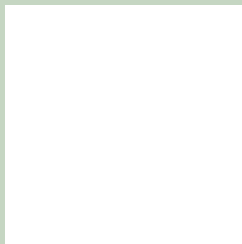
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8101, 63.8585, 60.3706

Background



This preview shows how black text looks on a background with the XYZ color 56.8101, 63.8585, 60.3706.

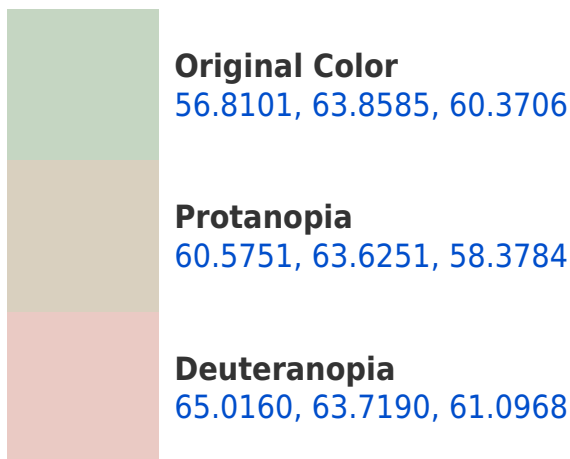


This preview shows how white text looks on a background with the XYZ color 56.8101, 63.8585,

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





Tritanopia

60.8851, 63.6485, 81.0279

Trichromacy



Original Color

56.8101, 63.8585, 60.3706

Protanomaly

59.1394, 63.6006, 59.0283

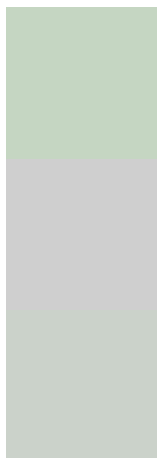
Deuteranomaly

61.7404, 63.4549, 60.6237

Tritanomaly

59.2513, 63.7229, 72.7952

Monochromacy



Original Color

56.8101, 63.8585, 60.3706

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.3359, 63.0540, 64.9731

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8101, 63.8585, 60.3706 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(197, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(197, 214, 194)  
}
```

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(197, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 214, 194) }
```

Border

The CSS property to change the border of an element to XYZ 56.8101, 63.8585, 60.3706 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(197, 214, 194) }
```


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

```
.border{ border-color:rgb(197, 214, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(197, 214,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8101, 63.8585, 60.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 214, 194) }
```

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

```
.background{ background-color: rgb(197,  
214, 194) }
```

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