

Converting Colors

XYZ(57.1684, 60.1036, 59.7484)

Have a look what the booklet for
XYZ(57.1684, 60.1036, 59.7484)
contains.

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Color

**XYZ(57.1060, 60.0168,
59.6135)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CBC2
RGB	208, 203, 194
RGB Percent	82%, 80%, 76%
CMY	0.1843, 0.2039, 0.2392
CMYK	0.00, 0.02, 0.07, 0.18
HSL	39°, 13%, 79%
HSV	39°, 7%, 82%
XYZ	57.1060, 60.0168, 59.6135
YIQ	203.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

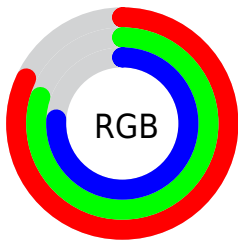
Format	Color
R _Y B	202, 208, 194
Decimal	13683650
CIE Lab	81.85, 0.15, 5.09
CIE LCh	82, 5.089, 88.285
Yxy	60.0168, 0.3231, 0.3396
Android (android.graphics.Color)	4291873730 (0xFFD0CBC2)
YUV	203.4690, -4.6682, 3.9737
Hunter-Lab	77.4705, -3.9953, 8.6057

Details

The XYZ color **57.1060, 60.0168, 59.6135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0567, 56.8695, 67.8031**, and the grayscale version is **57.0869, 60.0599, 65.4052**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **28.8075, 30.2584, 29.1331** is the 20% darker color. If you saturate the color by 10%, you get **53.2208, 55.7265, 47.5886**, and if you desaturate by 10%, it is **61.4055, 64.6111, 73.3911**.

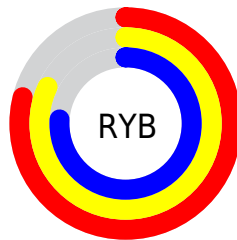
Distribution



Red (82%)

Green (80%)

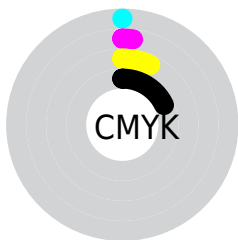
Blue (76%)



Red (79%)

Yellow (82%)

Blue (76%)

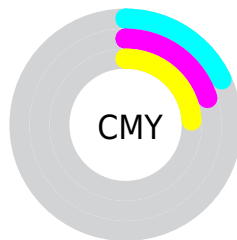


Cyan (0%)

Magenta (2%)

Yellow (7%)

Black (18%)



Cyan (18%)

Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1060, 60.0168, 59.6135 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 57.1060, 60.0168, 59.6135 by changing the saturation by 10% instead.

■ 57.1060, 60.0168,
59.6135

■ 57.1060, 60.0168,
59.6135

403.8541,
424.6597, 440.9367

■ 41.3308, 43.4322,
42.6839

■ 99.7503, 104.8540,
105.8067

■ 28.7665, 30.2244,
29.3076

127.3501,
133.8754, 135.9073

■ 19.0476, 20.0089,
19.0661

159.6222,
167.8112, 171.2355

■ 11.8089, 12.4015,
11.5407

196.9320,
207.0458, 212.2096

■ 6.6850, 7.0178,
6.3131

239.6447,
251.9635, 259.2482

■ 3.3104, 3.4732,
2.9645

288.1257,

■ 1.3200, 1.3835,

302.9488, 312.7699

1.0765

342.7404,
360.3861, 373.1932

■ 0.1981, 0.2045,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.1060, 60.0168,
59.6135

■ 57.1060, 60.0168,
59.6135

■ 53.2208, 55.7265,
47.5886

■ 61.4055, 64.6111,
73.3911

■ 49.7303, 51.7245,
37.2411

■ 66.1282, 69.5088,
88.9850

■ 46.6205, 48.0054,
28.4957

■ 71.0623, 74.6291,
105.2672

■ 43.8746, 44.5604,
21.2701

■ 73.1162, 78.7369,
105.9519

■ 41.4743, 41.3804,
15.4743

■ 75.2585, 83.0215,
106.6660

■ 39.3997, 38.4552,
11.0089

■ 77.4902, 87.4849,
107.4099

■ 37.6281, 35.7737,
7.7616

■ 79.8124, 92.1293,
108.1839

■ 36.1333, 33.3234,
5.6013

■ 79.8228, 92.1501,
108.1874

■ 34.8819, 31.0886,
4.3575

Harmonies

Analogous

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



58.1366, 60.0168, 60.4455



57.1060, 60.0168, 59.6135



56.0713, 60.0168, 60.2776

Triad

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



57.1060, 60.0168, 59.6135



55.2451, 60.0168, 68.1905



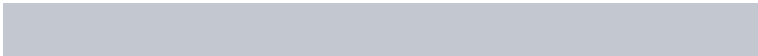
58.8188, 60.0168, 68.5065

Complementary

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



57.1060, 60.0168, 59.6135



54.0567, 56.8695, 67.8031

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.



58.0282, 60.0168, 70.6953



57.1060, 60.0168, 59.6135



55.9655, 60.0168, 70.5089

Square

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



57.1060, 60.0168, 59.6135



55.0050, 60.0168, 65.1712



56.9824, 60.0168, 71.4391



59.1331, 60.0168, 65.5253

Rectangle

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



57.1060, 60.0168, 59.6135



55.5167, 60.0168, 61.4914



56.9824, 60.0168, 71.4391



58.5994, 60.0168, 69.3627

Sweetspot

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



57.1077, 60.0194, 59.6148



93.6617, 98.5201, 104.4401



55.6293, 56.1241, 62.0159



20.0621, 21.1029, 22.4012



0.0000, 0.0000, 0.0000



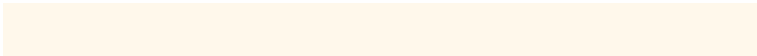
20.3446, 21.4041, 23.3091

Same Dimension

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



57.1077, 60.0194, 59.6148



89.6589, 94.1976, 91.7510



57.7850, 62.1486, 59.9901



12.4337, 13.0581, 12.4772



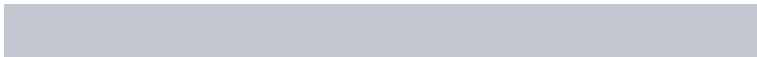
21.6000, 19.1329, 2.5546



1.2812, 1.2167, 0.1673

Inverse Universe

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



54.0567, 56.8695, 67.8031



83.8956, 88.2472, 107.2194



53.4081, 54.8564, 67.4488



11.5040, 12.0983, 14.9725



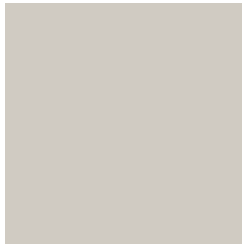
8.7151, 6.0767, 37.9061



0.5614, 0.4881, 2.1442

Previews

White Background



This preview shows how the XYZ color 57.1060, 60.0168, 59.6135 looks on a white background.

Color Contrast Check

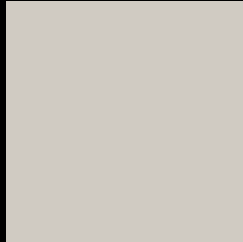
Large Text (above 18pt) WCAG AA × Fail

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 57.1060, 60.0168, 59.6135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

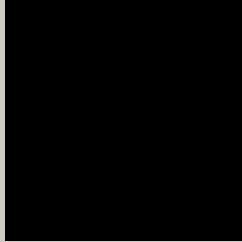
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

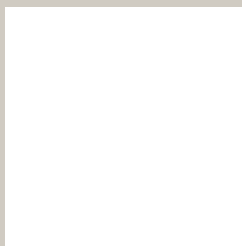
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1060, 60.0168, 59.6135

Background



This preview shows how black text looks on a background with the XYZ color 57.1060, 60.0168, 59.6135.

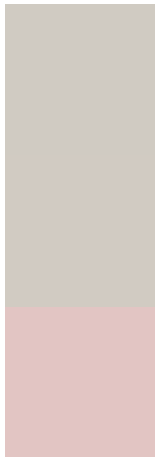


This preview shows how white text looks on a background with the XYZ color 57.1060, 60.0168,

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

57.1060, 60.0168, 59.6135

Protanopia

57.3880, 60.1622, 59.6267

Deuteranopia

61.1806, 60.0414, 59.9943



Tritanopia

59.7840, 60.0637, 72.7325

Trichromacy



Original Color

57.1060, 60.0168, 59.6135

Protanomaly

57.3880, 60.1622, 59.6267

Deuteranomaly

59.4872, 59.8470, 60.0461

Tritanomaly

58.7275, 59.9799, 67.5135

Monochromacy



Original Color

57.1060, 60.0168, 59.6135

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9581, 59.8611, 63.1959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1060, 60.0168, 59.6135 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(208, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(208, 203, 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(208, 203, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 203, 194) }
```

Border

The CSS property to change the border of an element to XYZ 57.1060, 60.0168, 59.6135 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(208, 203, 194) }
```


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

```
.border{ border-color:rgb(208, 203, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 203, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 203, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 203, 194);  
box-shadow:4px 4px 4px 4px rgb(208, 203,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1060, 60.0168, 59.6135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 203, 194) }
```

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

```
.background{ background-color: rgb(208,  
203, 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](#).

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