

Converting Colors

XYZ(59.3798, 66.3928, 67.9788)

Have a look what the booklet for
XYZ(59.3798, 66.3928, 67.9788)
contains.

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Color

**XYZ(59.5007, 66.6048,
68.1125)**

Conversions

Conversions Part 1

Format	Color
Hex	C6DACE
RGB	198, 218, 206
RGB Percent	78%, 85%, 81%
CMY	0.2235, 0.1451, 0.1922
CMYK	0.09, 0.00, 0.06, 0.15
HSL	144°, 21%, 82%
HSV	144°, 9%, 85%
XYZ	59.5007, 66.6048, 68.1125
YIQ	210.6520, -8.0680, -7.9720

Conversions

Conversions Part 2

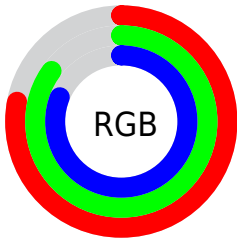
Format	Color
RYB	198, 212, 218
Decimal	13032142
CIELab	85.30, -8.93, 3.61
CIELCh	85, 9.634, 157.969
Yxy	66.6048, 0.3064, 0.3429
Android (android.graphics.Color)	4291222222 (0xFFC6DACE)
YUV	210.6520, -2.2934, -11.0958
Hunter-Lab	81.6118, -12.6816, 7.6453

Details

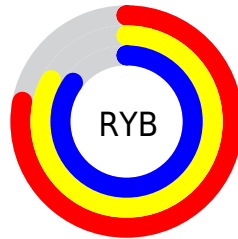
The XYZ color **59.5007, 66.6048, 68.1125** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7428, 59.9485, 69.3457**, and the grayscale version is **61.7073, 64.9209, 70.6989**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2663, 34.3907, 34.7486** is the 20% darker color. If you saturate the color by 10%, you get **52.6394, 63.2456, 59.8384**, and if you desaturate by 10%, it is **67.3252, 70.4490, 77.1250**.

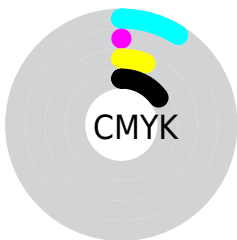
Distribution



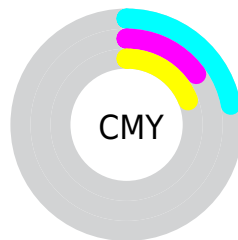
- Red (78%)
- Green (85%)
- Blue (81%)



- Red (78%)
- Yellow (83%)
- Blue (85%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (22%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5007, 66.6048, 68.1125 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 59.5007, 66.6048, 68.1125 by changing the saturation by 10% instead.

■ 59.5007, 66.6048,
68.1125

■ 59.5007, 66.6048,
68.1125

412.6192,
448.5368, 472.5034

■ 43.2642, 48.7635,
49.5220

103.2155,
114.3539, 118.1688

■ 30.2879, 34.4319,
34.6652

131.4245,
145.0306, 150.4717

■ 20.2064, 23.2256,
23.1236

164.3552,
180.7545, 188.1825

■ 12.6543, 14.7602,
14.4787

202.3727,
221.9101, 231.7196

■ 7.2663, 8.6513,
8.3118

245.8425,
268.8817, 281.5018

■ 3.6770, 4.5144,
4.2045

295.1300,

■ 1.5211, 1.9653,

322.0538, 337.9474

1.7382

350.6004,
381.8106, 401.4751

■ 0.3401, 0.5872,
0.3867

■ 0.0000, 0.0000,
0.0000

■ 59.5007, 66.6048,
68.1125

■ 59.5007, 66.6048,
68.1125

■ 52.6394, 63.2456,
59.8384

■ 67.3252, 70.4490,
77.1250

■ 46.6972, 60.3434,
52.2798

■ 76.1433, 74.7879,
86.8892

■ 41.6351, 57.8804,
45.4189

■ 82.8318, 78.0130,
97.2762

■ 37.4087, 55.8341,
39.2354

■ 84.3627, 78.6253,
105.3376

■ 33.9699, 54.1801,
33.7082

■ 31.2652, 52.8913,
28.8150

■ 29.2342, 51.9370,
24.5321

■ 27.8059, 51.2810,
20.8341

■ 26.8677, 50.8659,
17.6924

Harmonies

Analogous

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



60.7629, 66.6048, 63.4666



59.5007, 66.6048, 68.1125



59.2463, 66.6048, 74.1976

Triad

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



59.5007, 66.6048, 68.1125



63.8885, 66.6048, 85.0663



66.6668, 66.6048, 65.3863

Complementary

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



59.5007, 66.6048, 68.1125



60.7428, 59.9485, 69.3457

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.



67.5467, 66.6048, 70.8704



59.5007, 66.6048, 68.1125



65.9188, 66.6048, 82.3987

Square

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



59.5007, 66.6048, 68.1125



61.7471, 66.6048, 84.2234



67.2699, 66.6048, 77.1164



64.8906, 66.6048, 61.9567

Rectangle

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



59.5007, 66.6048, 68.1125



59.6769, 66.6048, 78.2960



67.2699, 66.6048, 77.1164



67.0791, 66.6048, 67.0378

Sweetspot

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



59.5026, 66.6076, 68.1140



91.5609, 98.2857, 104.9248



61.9403, 67.9738, 63.2827



19.4029, 20.9414, 22.2343



0.0000, 0.0000, 0.0000



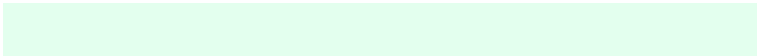
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5026, 66.6076, 68.1140



82.8801, 94.0257, 94.7990



60.7140, 67.0922, 74.4932



13.1012, 14.6921, 14.9958



16.1054, 30.4748, 10.7205



1.0852, 1.9910, 0.9148

Inverse Universe

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



60.7428, 59.9485, 69.3457



84.9914, 82.6892, 96.8955



59.5739, 59.4809, 63.1904



13.3824, 13.1821, 15.2751



19.8235, 9.9304, 13.9824



1.3264, 0.6602, 1.1277

Previews

White Background



This preview shows how the XYZ color 59.5007, 66.6048, 68.1125 looks on a white background.

Color Contrast Check

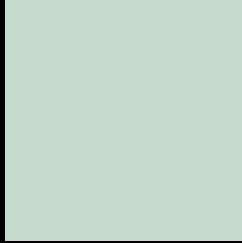
Large Text (above 18pt) WCAG AA × Fail

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 59.5007, 66.6048, 68.1125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

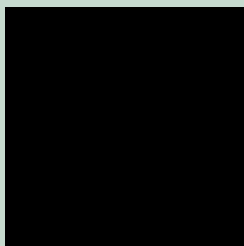
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

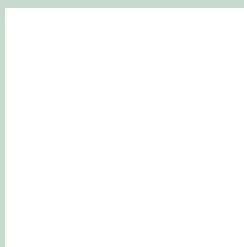
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5007, 66.6048, 68.1125

Background



This preview shows how black text looks on a background with the XYZ color 59.5007, 66.6048, 68.1125.

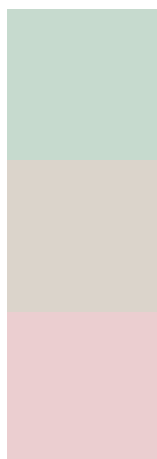


This preview shows how white text looks on a background with the XYZ color 59.5007, 66.6048,

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

59.5007, 66.6048, 68.1125

Protanopia

63.5364, 66.4588, 65.9790

Deuteranopia

67.7174, 66.3588, 68.9140



Tritanopia

62.8275, 66.4192, 85.1101

Trichromacy



Original Color

59.5007, 66.6048, 68.1125

Protanomaly

61.8096, 66.3017, 66.6665

Deuteranomaly

64.4333, 66.1278, 68.3994

Tritanomaly

61.5726, 66.2923, 78.6577

Monochromacy



Original Color

59.5007, 66.6048, 68.1125

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0088, 65.8184, 69.8103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5007, 66.6048, 68.1125 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(198, 218, 206) looks like.

```
.text, #text, p{  
    color:rgb(198, 218, 206)  
}
```

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(198, 218, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 218, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.5007, 66.6048, 68.1125 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(198, 218, 206) }
```


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

```
.border{ border-color:rgb(198, 218, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 218, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 218, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 218, 206);  
box-shadow:4px 4px 4px 4px rgb(198, 218,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5007, 66.6048, 68.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 218, 206) }
```

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

```
.background{ background-color: rgb(198,  
218, 206) }
```

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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