

Converting Colors

XYZ(59.1399, 64.3146, 67.4111)

Have a look what the booklet for
XYZ(59.1399, 64.3146, 67.4111)
contains.

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Color

**XYZ(59.0412, 64.0998,
67.6532)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD4CE
RGB	202, 212, 206
RGB Percent	79%, 83%, 81%
CMY	0.2078, 0.1686, 0.1922
CMYK	0.05, 0.00, 0.03, 0.17
HSL	144°, 10%, 81%
HSV	144°, 5%, 83%
XYZ	59.0412, 64.0998, 67.6532
YIQ	208.3260, -4.0340, -3.9860

Conversions

Conversions Part 2

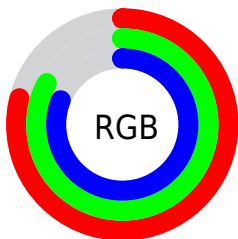
Format	Color
R _Y B	202, 209, 212
Decimal	13292750
CIE Lab	84.02, -4.49, 1.78
CIE LCh	84, 4.830, 158.359
Yxy	64.0998, 0.3094, 0.3360
Android (android.graphics.Color)	4291482830 (0xFFCAD4CE)
YUV	208.3260, -1.1467, -5.5479
Hunter-Lab	80.0624, -8.4760, 5.9432

Details

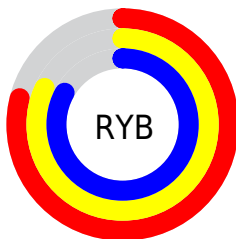
The XYZ color **59.0412, 64.0998, 67.6532** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6595, 60.7938, 68.2677**, and the grayscale version is **60.1764, 63.3102, 68.9448**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9372, 32.6768, 34.4352** is the 20% darker color. If you saturate the color by 10%, you get **52.2109, 60.7519, 59.5895**, and if you desaturate by 10%, it is **66.7884, 67.9095, 76.4157**.

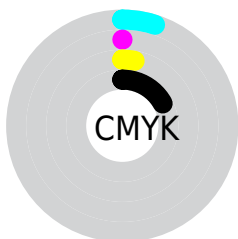
Distribution



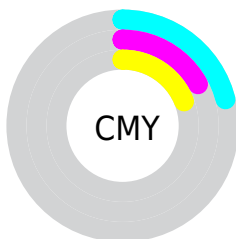
- Red (79%)
- Green (83%)
- Blue (81%)



- Red (79%)
- Yellow (82%)
- Blue (83%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (21%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0412, 64.0998, 67.6532 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 59.0412, 64.0998, 67.6532 by changing the saturation by 10% instead.

■ 59.0412, 64.0998,
67.6532

■ 59.0412, 64.0998,
67.6532

410.9462,
439.5499, 470.8310

■ 42.8928, 46.7315,
49.1507

102.5518,
110.7547, 117.5054

■ 29.9952, 32.8235,
34.3726

130.6447,
140.8100, 149.6922

■ 19.9830, 21.9912,
22.9003

163.4499,
175.8632, 187.2775

■ 12.4909, 13.8505,
14.3153

201.3326,
216.2985, 230.6799

■ 7.1535, 8.0167,
8.1990

244.6582,
262.5005, 280.3179

■ 3.6054, 4.1057,
4.1330

293.7921,

■ 1.4814, 1.7328,

314.8535, 336.6101

1.6986

349.0996,
373.7418, 399.9749

■ 0.3132, 0.4448,
0.3598

■ 0.0000, 0.0000,
0.0000

■ 59.0412, 64.0998,
67.6532

■ 59.0412, 64.0998,
67.6532

■ 52.2109, 60.7519,
59.5895

■ 66.7884, 67.9095,
76.4157

■ 46.2571, 57.8399,
52.2033

■ 75.4799, 72.1895,
85.8891

■ 41.1445, 55.3478,
45.4784

■ 81.1399, 74.8915,
95.9032

■ 36.8332, 53.2554,
39.3963

■ 82.8347, 75.5695,
104.8282

■ 33.2800, 51.5408,
33.9376

■ 30.4373, 50.1799,
29.0820

■ 28.2519, 49.1456,
24.8079

■ 26.6625, 48.4068,
21.0925

■ 25.5950, 47.9258,
17.9110

Harmonies

Analogous

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



59.6629, 64.0998, 65.2952



59.0412, 64.0998, 67.6532



58.9212, 64.0998, 70.6499

Triad

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



59.0412, 64.0998, 67.6532



61.2231, 64.0998, 75.7586



62.5449, 64.0998, 66.2170

Complementary

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



59.0412, 64.0998, 67.6532



59.6595, 60.7938, 68.2677

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.



62.9736, 64.0998, 68.9446



59.0412, 64.0998, 67.6532



62.2047, 64.0998, 74.4943

Square

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



59.0412, 64.0998, 67.6532



60.1728, 64.0998, 75.3884



62.8483, 64.0998, 71.9791



61.6833, 64.0998, 64.4830

Rectangle

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



59.0412, 64.0998, 67.6532



59.1406, 64.0998, 72.6168



62.8483, 64.0998, 71.9791



62.7448, 64.0998, 67.0449

Sweetspot

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



59.0430, 64.1025, 67.6546



93.8726, 99.4214, 107.5639



60.2659, 64.7884, 65.2071



20.1050, 21.2864, 23.0372



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.



59.0430, 64.1025, 67.6546



88.2000, 96.6354, 101.0462



59.6398, 64.3413, 70.7973



12.9080, 14.1943, 14.7866



15.5877, 29.4904, 10.3903



0.9805, 1.7948, 0.8389

Inverse Universe

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



59.6595, 60.7938, 68.2677



89.3923, 90.2359, 102.2319



59.0733, 60.5594, 65.1809



13.0985, 13.1719, 14.9760



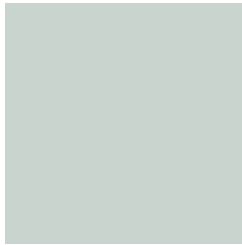
19.1867, 9.6110, 13.5533



1.1976, 0.5958, 1.0301

Previews

White Background



This preview shows how the XYZ color 59.0412, 64.0998, 67.6532 looks on a white background.

Color Contrast Check

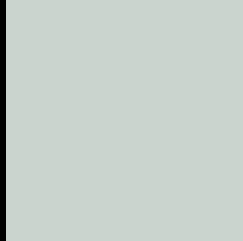
Large Text (above 18pt) WCAG AA × Fail

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 59.0412, 64.0998, 67.6532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

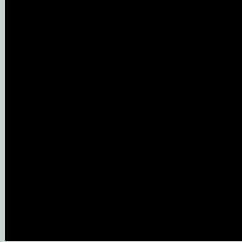
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

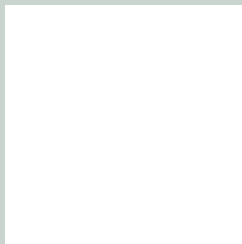
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0412, 64.0998, 67.6532

Background



This preview shows how black text looks on a background with the XYZ color 59.0412, 64.0998, 67.6532.



This preview shows how white text looks on a background with the XYZ color 59.0412, 64.0998,

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

59.0412, 64.0998, 67.6532

Protanopia

61.1865, 63.7675, 66.2102

Deuteranopia

65.3742, 64.0889, 68.5993



Tritanopia

61.7048, 64.0711, 81.0663

Trichromacy



Original Color

59.0412, 64.0998, 67.6532

Protanomaly

60.3983, 63.7103, 66.8716

Deuteranomaly

62.8490, 63.8633, 68.0458

Tritanomaly

60.7346, 64.0450, 76.1787

Monochromacy



Original Color

59.0412, 64.0998, 67.6532

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.5165, 63.2277, 68.0988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0412, 64.0998, 67.6532 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(202, 212, 206) looks like.

```
.text, #text, p{  
    color:rgb(202, 212, 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(202, 212, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 212, 206) }
```

Border

The CSS property to change the border of an element to XYZ 59.0412, 64.0998, 67.6532 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(202, 212, 206) }
```


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

```
.border{ border-color:rgb(202, 212, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 212, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 212, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 212, 206);  
box-shadow:4px 4px 4px 4px rgb(202, 212,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0412, 64.0998, 67.6532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 212, 206) }
```

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

```
.background{ background-color: rgb(202,  
212, 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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