

Converting Colors

XYZ(58.4113, 59.8864, 64.3577)

Have a look what the booklet for
XYZ(58.4113, 59.8864, 64.3577)
contains.

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Color

**XYZ(58.4113, 59.8864,
64.3577)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C9CA
RGB	211, 201, 202
RGB Percent	83%, 79%, 79%
CMY	0.1725, 0.2117, 0.2078
CMYK	0.00, 0.05, 0.04, 0.17
HSL	354°, 10%, 81%
HSV	354°, 5%, 83%
XYZ	58.4113, 59.8864, 64.3577
YIQ	204.1040, 5.6390, 2.4310

Conversions

Conversions Part 2

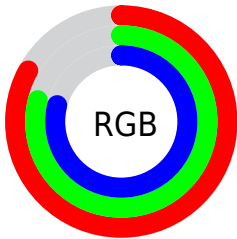
Format	Color
R _Y B	211, 201, 202
Decimal	13879754
CIE Lab	81.78, 3.65, 0.73
CIE LCh	82, 3.722, 11.380
Yxy	59.8864, 0.3198, 0.3279
Android (android.graphics.Color)	4292069834 (0xFFD3C9CA)
YUV	204.1040, -1.0373, 6.0478
Hunter-Lab	77.3863, -0.6940, 4.8624

Details

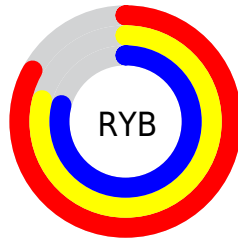
The XYZ color **58.4113, 59.8864, 64.3577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0168, 63.6608, 70.1533**, and the grayscale version is **57.4655, 60.4582, 65.8390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4893, 30.0735, 32.2675** is the 20% darker color. If you saturate the color by 10%, you get **51.7141, 49.8723, 51.7029**, and if you desaturate by 10%, it is **66.0645, 71.3678, 78.6988**.

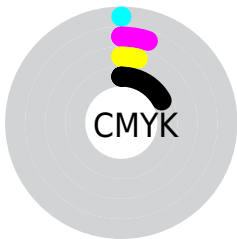
Distribution



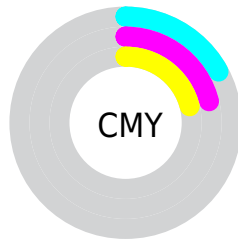
- Red (83%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4113, 59.8864, 64.3577 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 58.4113, 59.8864, 64.3577 by changing the saturation by 10% instead.

■ 58.4113, 59.8864,
64.3577

■ 58.4113, 59.8864,
64.3577

408.6460,
424.1789, 458.7231

■ 42.3839, 43.3271,
46.4924

101.6411,
104.6649, 112.7303

■ 29.5945, 30.1418,
32.2831

129.5742,
133.6528, 144.0748

■ 19.6775, 19.9463,
21.3112

162.2067,
167.5524, 180.7493

■ 12.2677, 12.3560,
13.1582

199.9038,
206.7480, 223.1726

■ 6.9998, 6.9866,
7.4056

243.0309,
251.6241, 271.7630

■ 3.5083, 3.4537,
3.6348

291.9534,

■ 1.4279, 1.3729,

302.5650, 326.9393

1.4272

347.0367,
359.9551, 389.1198

■ 0.2760, 0.1967,
0.1628

■ 0.0000, 0.0000,
0.0000

■ 58.4113, 59.8864,
64.3577

■ 58.4113, 59.8864,
64.3577

■ 51.7141, 49.8723,
51.7029

■ 66.0645, 71.3678,
78.6988

■ 45.9305, 41.2588,
40.6685

■ 74.7039, 84.3641,
94.7809

■ 41.0222, 33.9860,
31.1902

■ 80.6744, 92.5891,
108.2272

■ 36.9464, 27.9864,
23.1979

■ 33.6569, 23.1865,
16.6161

■ 31.1025, 19.5057,
11.3625

■ 29.2263, 16.8531,
7.3465

■ 27.9627, 15.1236,
4.4659

■ 27.2329, 14.1899,
2.6019

Harmonies

Analogous

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



58.3612, 59.8864, 66.5947



58.4113, 59.8864, 64.3577



58.0592, 59.8864, 62.3928

Triad

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



58.4113, 59.8864, 64.3577



55.9292, 59.8864, 62.0192



56.4401, 59.8864, 69.3848

Complementary

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



58.4113, 59.8864, 64.3577



59.0168, 63.6608, 70.1533

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.



55.7963, 59.8864, 68.1027



58.4113, 59.8864, 64.3577



55.5032, 59.8864, 63.8370

Square

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



58.4113, 59.8864, 64.3577



56.6232, 59.8864, 61.0635



55.4547, 59.8864, 66.0619



57.2183, 59.8864, 69.5320

Rectangle

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



58.4113, 59.8864, 64.3577



57.6456, 59.8864, 61.4883



55.4547, 59.8864, 66.0619



56.2010, 59.8864, 69.0709

Sweetspot

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



58.4130, 59.8890, 64.3590



93.8744, 98.2368, 106.6955



59.2247, 60.1807, 70.1235



20.1054, 21.0453, 22.8605



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.



58.4130, 59.8890, 64.3590



88.2227, 89.7680, 96.0726



59.2397, 61.7307, 64.0543



12.2719, 12.4494, 13.3018



16.3118, 8.3976, 1.2823



0.9288, 0.4762, 0.1598

Inverse Universe

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



58.4130, 59.8890, 64.3590



88.2227, 89.7680, 96.0726



58.1603, 61.7484, 70.4822



12.2719, 12.4494, 13.3018



16.3118, 8.3976, 1.2823



0.9288, 0.4762, 0.1598

Previews

White Background



This preview shows how the XYZ color 58.4113, 59.8864, 64.3577 looks on a white background.

Color Contrast Check

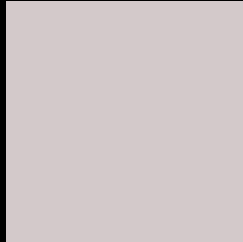
Large Text (above 18pt) WCAG AA × Fail

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 58.4113, 59.8864, 64.3577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

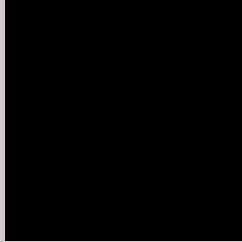
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

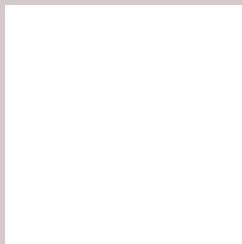
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4113, 59.8864, 64.3577

Background



This preview shows how black text looks on a background with the XYZ color 58.4113, 59.8864, 64.3577.

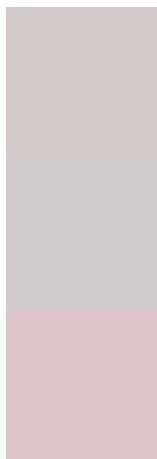


This preview shows how white text looks on a background with the XYZ color 58.4113, 59.8864,

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

58.4113, 59.8864, 64.3577

Protanopia

57.6321, 59.8183, 65.0085

Deuteranopia

61.1772, 59.9323, 64.8436



Tritanopia

60.1297, 59.8993, 72.6825

Trichromacy



Original Color

58.4113, 59.8864, 64.3577

Protanomaly

57.9124, 59.9628, 65.0216

Deuteranomaly

60.1870, 59.7600, 64.8626

Tritanomaly

59.4385, 59.9587, 69.4132

Monochromacy



Original Color

58.4113, 59.8864, 64.3577

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.8676, 60.2891, 65.0869

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4113, 59.8864, 64.3577 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(211, 201, 202) looks like.

```
.text, #text, p{  
    color:rgb(211, 201, 202)  
}
```

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(211, 201, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 201, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.4113, 59.8864, 64.3577 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(211, 201, 202) }
```


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

```
.border{ border-color:rgb(211, 201, 202) }
```

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

Here you see how a box with a 4 pixel rgb(211, 201, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 201, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 201, 202);  
box-shadow:4px 4px 4px 4px rgb(211, 201,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4113, 59.8864, 64.3577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 201, 202) }
```

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

```
.background{ background-color: rgb(211,  
201, 202) }
```

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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