

Converting Colors

XYZ(57.9292, 59.2457, 68.4054)

Have a look what the booklet for
XYZ(57.9292, 59.2457, 68.4054)
contains.

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Color

**XYZ(57.8950, 59.1774,
68.6926)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC8D1
RGB	207, 200, 209
RGB Percent	81%, 78%, 82%
CMY	0.1882, 0.2157, 0.1804
CMYK	0.01, 0.04, 0.00, 0.18
HSL	287°, 9%, 80%
HSV	287°, 4%, 82%
XYZ	57.8950, 59.1774, 68.6926
YIQ	203.1190, 1.2830, 4.2830

Conversions

Conversions Part 2

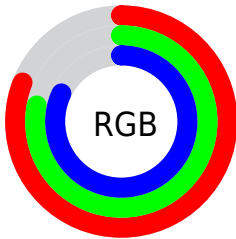
Format	Color
R _Y B	207, 200, 209
Decimal	13617361
CIE Lab	81.39, 4.06, -3.62
CIE LCh	81, 5.441, 318.289
Yxy	59.1774, 0.3117, 0.3186
Android (android.graphics.Color)	4291807441 (0xFFCFC8D1)
YUV	203.1190, 2.8993, 3.4036
Hunter-Lab	76.9268, -0.2832, 0.9052

Details

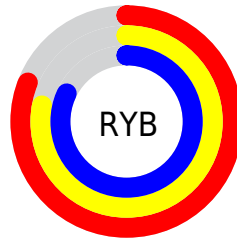
The XYZ color **57.8950, 59.1774, 68.6926** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5852, 62.3292, 63.6423**, and the grayscale version is **56.8227, 59.7819, 65.1025**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3321, 29.6966, 35.1964** is the 20% darker color. If you saturate the color by 10%, you get **52.1031, 49.4918, 67.1293**, and if you desaturate by 10%, it is **64.3902, 70.2111, 70.4809**.

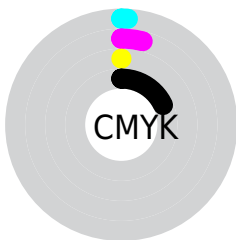
Distribution



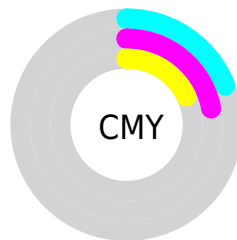
- Red (81%)
- Green (78%)
- Blue (82%)



- Red (81%)
- Yellow (78%)
- Blue (82%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8950, 59.1774, 68.6926 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 57.8950, 59.1774, 68.6926 by changing the saturation by 10% instead.

■ 57.8950, 59.1774,
68.6926

■ 57.8950, 59.1774,
68.6926

406.7547,
421.5590, 474.6106

■ 41.9672, 42.7559,
49.9912

100.8938,
103.6355, 119.0060

■ 29.2666, 29.6937,
35.0353

128.6955,
132.4408, 151.4550

■ 19.4279, 19.6062,
23.4063

161.1858,
166.1430, 189.3237

■ 12.0857, 12.1091,
14.6857

198.7301,
205.1263, 233.0306

■ 6.8747, 6.8180,
8.4549

241.6938,
249.7752, 282.9942

■ 3.4295, 3.3486,
4.2955

290.4423,

■ 1.3847, 1.3163,

300.4740, 339.6330

1.7888

345.3408,
357.6071, 403.3656

■ 0.2453, 0.1538,
0.4206

■ 0.0000, 0.0000,
0.0000

■ 57.8950, 59.1774,
68.6926

■ 57.8950, 59.1774,
68.6926

■ 52.1031, 49.4918,
67.1293

■ 64.3902, 70.2111,
70.4809

■ 46.9824, 41.0933,
65.7781

■ 71.6089, 82.6357,
72.4986

■ 42.5058, 33.9271,
64.6308

■ 77.0696, 91.4864,
73.9191

■ 38.6423, 27.9319,
63.6772

■ 78.5036, 92.2257,
73.9863

35.3583, 23.0409,
62.9062

79.9771, 92.9853,
74.0552

32.6167, 19.1804,
62.3056

81.4903, 93.7654,
74.1260

30.3759, 16.2677,
61.8615

83.0437, 94.5661,
74.1987

28.5878, 14.2074,
61.5581

84.6373, 95.3877,
74.2733

27.1941, 12.8830,
61.3759

86.2717, 96.2302,
74.3498

Harmonies

Analogous

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



56.9355, 59.1774, 70.5667



57.8950, 59.1774, 68.6926



58.4154, 59.1774, 65.7139

Triad

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



57.8950, 59.1774, 68.6926



56.6915, 59.1774, 58.4930



54.1950, 59.1774, 66.4199

Complementary

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



57.8950, 59.1774, 68.6926



57.5852, 62.3292, 63.6423

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.



54.1317, 59.1774, 63.1710



57.8950, 59.1774, 68.6926



55.5627, 59.1774, 58.6676

Square

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



57.8950, 59.1774, 68.6926



57.7143, 59.1774, 59.8701



54.6293, 59.1774, 60.3554



54.8035, 59.1774, 69.2244

Rectangle

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



57.8950, 59.1774, 68.6926



58.4386, 59.1774, 63.5352



54.6293, 59.1774, 60.3554



54.1096, 59.1774, 65.3414

Sweetspot

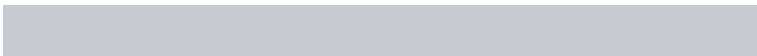
The Sweet Spot groups the original color and five complimentary colors.



57.8967, 59.1799, 68.6939



94.0336, 98.2764, 108.6209



56.4745, 59.1735, 68.7676



20.1378, 21.0534, 23.2523



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.



57.8967, 59.1799, 68.6939



90.0814, 91.5995, 107.5404



58.1642, 59.3519, 67.1674



12.5317, 12.6907, 15.0327



16.4379, 7.6543, 37.8036



0.9840, 0.4615, 2.1168

Inverse Universe

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



57.6116, 59.1309, 64.2572



89.5609, 91.5109, 99.3969



57.3301, 62.1651, 65.1057



12.4510, 12.6771, 13.7641



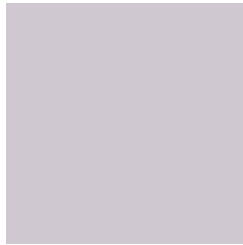
16.5529, 8.4940, 2.5518



0.9562, 0.4872, 0.3041

Previews

White Background



This preview shows how the XYZ color 57.8950, 59.1774, 68.6926 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 57.8950, 59.1774, 68.6926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

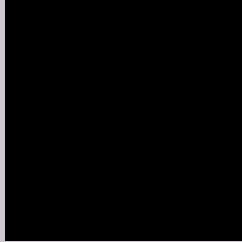
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8950, 59.1774, 68.6926

Background



This preview shows how black text looks on a background with the XYZ color 57.8950, 59.1774, 68.6926.

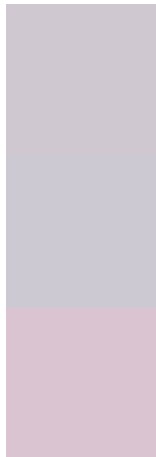


This preview shows how white text looks on a background with the XYZ color 57.8950, 59.1774,

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

57.8950, 59.1774, 68.6926

Protanopia

57.4213, 59.2638, 69.3854

Deuteranopia

60.2862, 59.0384, 69.1909



Tritanopia

58.7016, 59.1630, 72.6157

Trichromacy



Original Color

57.8950, 59.1774, 68.6926

Protanomaly

57.6963, 59.4056, 69.3983

Deuteranomaly

59.3307, 58.8818, 69.2110

Tritanomaly

58.4461, 59.0608, 71.2702

Monochromacy



Original Color

57.8950, 59.1774, 68.6926

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0418, 59.4862, 66.2332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8950, 59.1774, 68.6926 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(207, 200, 209)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 209)  
}
```

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(207, 200, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.8950, 59.1774, 68.6926 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(207, 200, 209) }
```


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

```
.border{ border-color:rgb(207, 200, 209) }
```

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

Here you see how a box with a 4 pixel rgb(207, 200, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8950, 59.1774, 68.6926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 209) }
```

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

```
.background{ background-color: rgb(207,  
200, 209) }
```

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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