

Converting Colors

XYZ(57.7946, 59.4081, 67.9287)

Have a look what the booklet for
XYZ(57.7946, 59.4081, 67.9287)
contains.

XYZ(58.0039, 59.5928, 68.1199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.0039, 59.5928,
68.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9D0
RGB	207, 201, 208
RGB Percent	81%, 79%, 82%
CMY	0.1882, 0.2117, 0.1843
CMYK	0.00, 0.03, 0.00, 0.18
HSL	291°, 7%, 80%
HSV	291°, 3%, 82%
XYZ	58.0039, 59.5928, 68.1199
YIQ	203.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

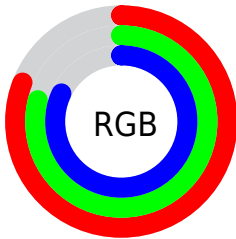
Format	Color
RYB	207, 201, 208
Decimal	13617616
CIELab	81.62, 3.35, -2.75
CIELCh	82, 4.333, 320.593
Yxy	59.5928, 0.3123, 0.3209
Android (android.graphics.Color)	4291807696 (0xFFCFC9D0)
YUV	203.5920, 2.1731, 2.9888
Hunter-Lab	77.1964, -0.9721, 1.7186

Details

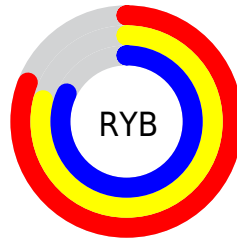
The XYZ color **58.0039, 59.5928, 68.1199** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4580, 61.8870, 64.1785**, and the grayscale version is **57.1247, 60.0996, 65.4485**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4033, 29.9728, 34.8075** is the 20% darker color. If you saturate the color by 10%, you get **52.6574, 50.1207, 66.5743**, and if you desaturate by 10%, it is **64.0261, 70.3912, 69.8877**.

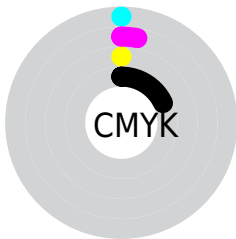
Distribution



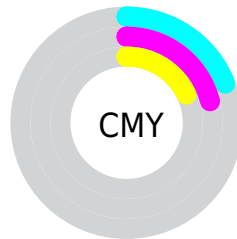
- Red (81%)
- Green (79%)
- Blue (82%)



- Red (81%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0039, 59.5928, 68.1199 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 58.0039, 59.5928, 68.1199 by changing the saturation by 10% instead.

■ 58.0039, 59.5928,
68.1199

■ 58.0039, 59.5928,
68.1199

407.1541,
423.0952, 472.5303

■ 42.0551, 43.0905,
49.5280

101.0515,
104.2387, 118.1795

■ 29.3357, 29.9561,
34.6699

128.8809,
133.1512, 150.4842

■ 19.4805, 19.8053,
23.1272

161.4013,
166.9691, 188.1970

■ 12.1240, 12.2536,
14.4813

198.9779,
206.0770, 231.7364

■ 6.9010, 6.9166,
8.3136

241.9761,
250.8591, 281.5208

■ 3.4460, 3.4100,
4.2056

290.7613,

■ 1.3938, 1.3494,

301.6999, 337.9690

1.7388

345.6989,
358.9838, 401.4993

■ 0.2518, 0.1789,
0.3871

■ 0.0000, 0.0000,
0.0000

■ 58.0039, 59.5928,
68.1199

■ 58.0039, 59.5928,
68.1199

■ 52.6574, 50.1207,
66.5743

■ 64.0261, 70.3912,
69.8877

■ 47.9551, 41.9148,
65.2382

■ 70.7436, 82.5578,
71.8820

■ 43.8707, 34.9218,
64.1037

■ 75.4412, 90.6612,
73.1986

■ 40.3740, 29.0813,
63.1607

■ 76.3274, 91.1180,
73.2400

37.4323, 24.3282,
62.3983

77.2295, 91.5831,
73.2822

35.0097, 20.5904,
61.8045

78.1477, 92.0565,
73.3252

33.0656, 17.7874,
61.3659

79.0821, 92.5381,
73.3689

31.5537, 15.8263,
61.0671

80.0327, 93.0282,
73.4134

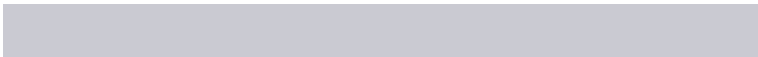
30.4177, 14.5949,
60.8893

80.9996, 93.5266,
73.4587

Harmonies

Analogous

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



57.2588, 59.5928, 69.6913



58.0039, 59.5928, 68.1199



58.3850, 59.5928, 65.7089

Triad

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



58.0039, 59.5928, 68.1199



56.9276, 59.5928, 60.0672



55.0190, 59.5928, 66.6650

Complementary

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



58.0039, 59.5928, 68.1199



57.4580, 61.8870, 64.1785

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.



54.9324, 59.5928, 64.0708



58.0039, 59.5928, 68.1199



56.0280, 59.5928, 60.3076

Square

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



58.0039, 59.5928, 68.1199



57.7592, 59.5928, 61.0911



55.2999, 59.5928, 61.7569



55.5376, 59.5928, 68.8358

Rectangle

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



58.0039, 59.5928, 68.1199



58.3786, 59.5928, 63.9696



55.2999, 59.5928, 61.7569



54.9386, 59.5928, 65.8120

Sweetspot

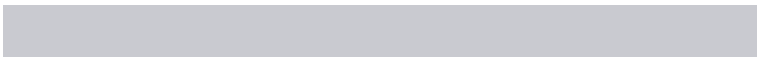
The Sweet Spot groups the original color and five complimentary colors.



58.0056, 59.5954, 68.1212



94.1079, 98.3147, 108.6244



56.6074, 59.2390, 68.1261



20.1529, 21.0612, 23.2530



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.



58.0056, 59.5954, 68.1212



91.3475, 93.3883, 107.8190



57.9869, 59.6203, 66.5596



12.7052, 12.9269, 15.0692



18.6393, 8.7892, 37.9066



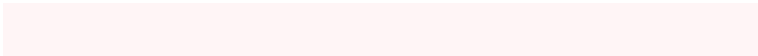
1.0888, 0.5155, 2.1217

Inverse Universe

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



57.5619, 59.4503, 64.3216



90.5062, 93.1136, 100.5993



57.4786, 61.8641, 65.6954



12.5691, 12.8824, 13.8984



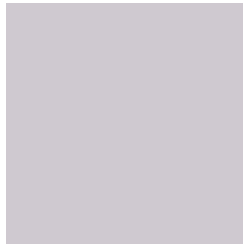
16.3779, 8.4240, 1.6302



0.9385, 0.4801, 0.2107

Previews

White Background



This preview shows how the XYZ color 58.0039, 59.5928, 68.1199 looks on a white background.

Color Contrast Check

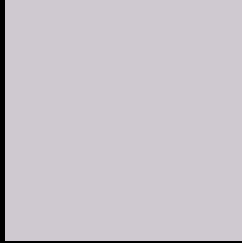
Large Text (above 18pt) WCAG AA × Fail

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 58.0039, 59.5928, 68.1199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

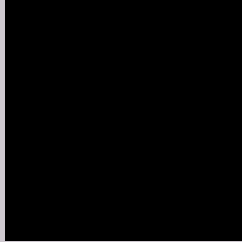
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0039, 59.5928, 68.1199

Background



This preview shows how black text looks on a background with the XYZ color 58.0039, 59.5928, 68.1199.

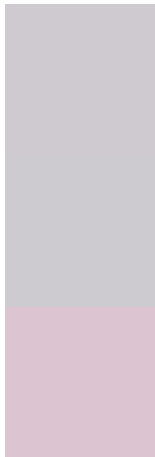


This preview shows how white text looks on a background with the XYZ color 58.0039, 59.5928,

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

58.0039, 59.5928, 68.1199

Protanopia

57.6825, 59.7743, 68.1719

Deuteranopia

60.9901, 59.7516, 68.6403



Tritanopia

59.0614, 59.6763, 73.3716

Trichromacy



Original Color

58.0039, 59.5928, 68.1199

Protanomaly

57.9593, 59.9169, 68.1849

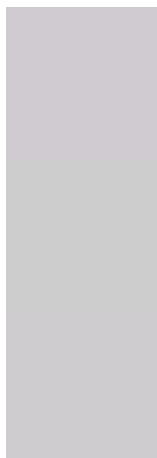
Deuteranomaly

59.7270, 59.4387, 68.6465

Tritanomaly

58.6769, 59.5225, 71.3472

Monochromacy



Original Color

58.0039, 59.5928, 68.1199

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.5522, 60.0988, 66.3245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0039, 59.5928, 68.1199 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, 201, 208)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 208)  
}
```

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, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.0039, 59.5928, 68.1199 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, 201, 208) }
```


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

```
.border{ border-color:rgb(207, 201, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 208);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0039, 59.5928, 68.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 208) }
```

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

```
.background{ background-color: rgb(207,  
201, 208) }
```

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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