

Converting Colors

XYZ(57.8631, 59.3179, 67.1765)

Have a look what the booklet for
XYZ(57.8631, 59.3179, 67.1765)
contains.

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Color

**XYZ(57.9292, 59.2234,
67.4096)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C8CF
RGB	208, 200, 207
RGB Percent	82%, 78%, 81%
CMY	0.1843, 0.2157, 0.1882
CMYK	0.00, 0.04, 0.00, 0.18
HSL	308°, 8%, 80%
HSV	308°, 4%, 82%
XYZ	57.9292, 59.2234, 67.4096
YIQ	203.1900, 2.5210, 3.8730

Conversions

Conversions Part 2

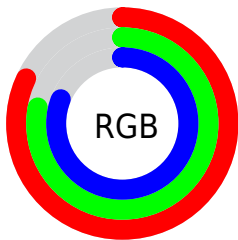
Format	Color
R_{YB}	208, 200, 207
Decimal	13682895
CIE _{Lab}	81.41, 4.04, -2.50
CIE _{LCh}	81, 4.749, 328.205
Yxy	59.2234, 0.3139, 0.3209
Android (android.graphics.Color)	4291872975 (0xFFD0C8CF)
YUV	203.1900, 1.8783, 4.2184
Hunter-Lab	76.9567, -0.3084, 1.9351

Details

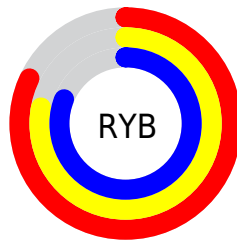
The XYZ color **57.9292, 59.2234, 67.4096** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9201, 61.6098, 64.1532**, and the grayscale version is **56.8730, 59.8348, 65.1601**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3551, 29.7277, 34.3278** is the 20% darker color. If you saturate the color by 10%, you get **53.1212, 50.1113, 64.2514**, and if you desaturate by 10%, it is **63.4012, 69.6534, 70.8164**.

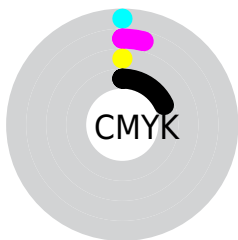
Distribution



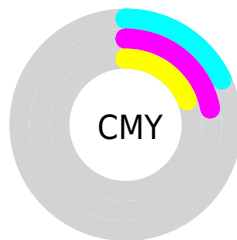
- Red (82%)
- Green (78%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9292, 59.2234, 67.4096 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 57.9292, 59.2234, 67.4096 by changing the saturation by 10% instead.

■ 57.9292, 59.2234,
67.4096

■ 57.9292, 59.2234,
67.4096

406.8802,
421.7293, 469.9425

■ 41.9948, 42.7930,
48.9539

100.9433,
103.7023, 117.1533

■ 29.2883, 29.7227,
34.2176

128.7537,
132.5195, 149.2785

■ 19.4444, 19.6282,
22.7821

161.2535,
166.2345, 186.7971

■ 12.0977, 12.1251,
14.2289

198.8079,
205.2316, 230.1279

■ 6.8829, 6.8289,
8.1395

241.7825,
249.8953, 279.6892

■ 3.4347, 3.3553,
4.0953

290.5425,

■ 1.3876, 1.3199,

300.6098, 335.8998

1.6778

345.4533,
357.7597, 399.1780

■ 0.2474, 0.1566,
0.3454

■ 0.0000, 0.0000,
0.0000

■ 57.9292, 59.2234,
67.4096

■ 57.9292, 59.2234,
67.4096

■ 53.1212, 50.1113,
64.2514

■ 63.4012, 69.6534,
70.8164

■ 48.9457, 42.2568,
61.3292

■ 69.5570, 81.4433,
74.4763

■ 45.3765, 35.6065,
58.6346

■ 74.0135, 89.8264,
77.5959

■ 42.3832, 30.0999,
56.1574

■ 74.3501, 89.9610,
79.3685

39.9332, 25.6714,
53.8867

74.6921, 90.0978,
81.1691

37.9902, 22.2490,
51.8103

75.0394, 90.2367,
82.9980

36.5138, 19.7513,
49.9145

75.3921, 90.3778,
84.8552

35.4570, 18.0850,
48.1835

75.7502, 90.5210,
86.7410

34.7632, 17.1365,
46.5984

76.1137, 90.6665,
88.6553

Harmonies

Analogous

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



57.1977, 59.2234, 69.4262



57.9292, 59.2234, 67.4096



58.2209, 59.2234, 64.6557

Triad

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



57.9292, 59.2234, 67.4096



56.3499, 59.2234, 59.1696



54.6235, 59.2234, 67.1044

Complementary

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



57.9292, 59.2234, 67.4096



56.9201, 61.6098, 64.1532

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.



54.4024, 59.2234, 64.3130



57.9292, 59.2234, 67.4096



55.3921, 59.2234, 59.7825

Square

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



57.9292, 59.2234, 67.4096



57.3025, 59.2234, 59.9456



54.6821, 59.2234, 61.6447



55.2897, 59.2234, 69.2464

Rectangle

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



57.9292, 59.2234, 67.4096



58.1241, 59.2234, 62.7902



54.6821, 59.2234, 61.6447



54.4950, 59.2234, 66.2084

Sweetspot

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



57.9309, 59.2260, 67.4109



94.1906, 98.3633, 108.3605



56.1114, 58.2738, 67.9660



20.1697, 21.0710, 23.1993



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.



57.9309, 59.2260, 67.4109



90.8609, 92.0309, 106.2425



57.4561, 59.0360, 64.9106



12.6534, 12.7581, 14.8300



21.4988, 10.4723, 28.5963



1.2203, 0.5929, 1.6951

Inverse Universe

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



57.9309, 59.2260, 67.4109



90.8609, 92.0309, 106.2425



57.3887, 61.7972, 66.6205



12.6534, 12.7581, 14.8300



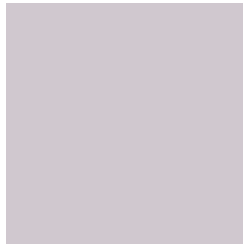
21.4988, 10.4723, 28.5963



1.2203, 0.5929, 1.6951

Previews

White Background



This preview shows how the XYZ color 57.9292, 59.2234, 67.4096 looks on a white background.

Color Contrast Check

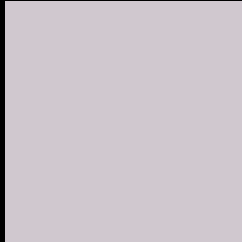
Large Text (above 18pt) WCAG AA × Fail

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 57.9292, 59.2234, 67.4096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

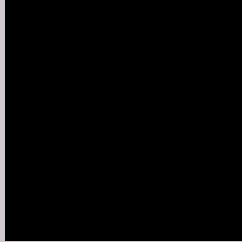
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

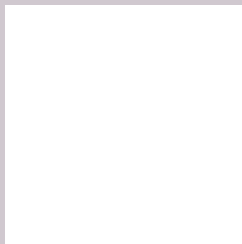
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9292, 59.2234, 67.4096

Background



This preview shows how black text looks on a background with the XYZ color 57.9292, 59.2234, 67.4096.

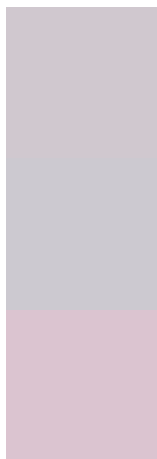


This preview shows how white text looks on a background with the XYZ color 57.9292, 59.2234,

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

57.9292, 59.2234, 67.4096

Protanopia

57.1736, 59.1647, 68.0811

Deuteranopia

60.3385, 59.0940, 67.9006



Tritanopia

58.8555, 59.2572, 71.9541

Trichromacy



Original Color

57.9292, 59.2234, 67.4096

Protanomaly

57.4486, 59.3065, 68.0939

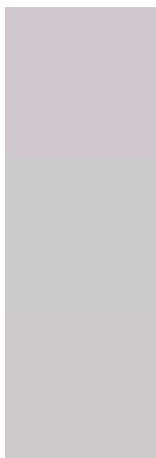
Deuteranomaly

59.3758, 58.9336, 67.9204

Tritanomaly

58.4758, 59.1053, 69.9545

Monochromacy



Original Color

57.9292, 59.2234, 67.4096

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.1965, 59.5798, 65.6122

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9292, 59.2234, 67.4096 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(208, 200, 207) looks like.

```
.text, #text, p{  
    color:rgb(208, 200, 207)  
}
```

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(208, 200, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 200, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.9292, 59.2234, 67.4096 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(208, 200, 207) }
```


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

```
.border{ border-color:rgb(208, 200, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 200, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 200, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 200, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 200,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9292, 59.2234, 67.4096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 200, 207) }
```

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

```
.background{ background-color: rgb(208,  
200, 207) }
```

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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