

Converting Colors

XYZ(57.5658, 58.7718, 67.4680)

Have a look what the booklet for
XYZ(57.5658, 58.7718, 67.4680)
contains.

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Color

**XYZ(57.4180, 58.6172,
67.3195)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC7CF
RGB	207, 199, 207
RGB Percent	81%, 78%, 81%
CMY	0.1882, 0.2196, 0.1882
CMYK	0.00, 0.04, 0.00, 0.19
HSL	300°, 8%, 80%
HSV	300°, 4%, 81%
XYZ	57.4180, 58.6172, 67.3195
YIQ	202.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

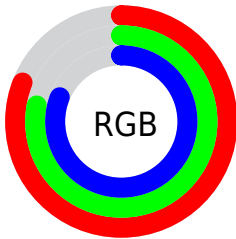
Format	Color
R_{YB}	207, 199, 207
Decimal	13617103
CIE Lab	81.08, 4.22, -3.00
CIE LCh	81, 5.181, 324.601
Yxy	58.6172, 0.3132, 0.3197
Android (android.graphics.Color)	4291807183 (0xFFCFC7CF)
YUV	202.3040, 2.3151, 4.1184
Hunter-Lab	76.5619, -0.1162, 1.4607

Details

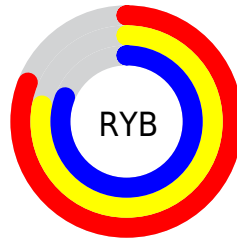
The XYZ color **57.4180, 58.6172, 67.3195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1770, 60.8929, 62.8284**, and the grayscale version is **56.3152, 59.2480, 64.5211**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0120, 29.3230, 34.2678** is the 20% darker color. If you saturate the color by 10%, you get **52.9762, 49.7328, 65.8396**, and if you desaturate by 10%, it is **62.5111, 68.8024, 69.0179**.

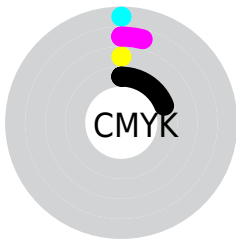
Distribution



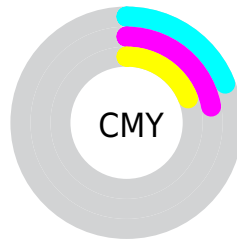
- Red (81%)
- Green (78%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4180, 58.6172, 67.3195 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 57.4180, 58.6172, 67.3195 by changing the saturation by 10% instead.

■ 57.4180, 58.6172,
67.3195

■ 57.4180, 58.6172,
67.3195

405.0027,
419.4818, 469.6136

■ 41.5824, 42.3050,
48.8811

100.2027,
102.8211, 117.0231

■ 28.9641, 29.3402,
34.1602

127.8825,
131.4816, 149.1254

■ 19.1978, 19.3383,
22.7384

160.2410,
165.0271, 186.6193

■ 11.9182, 11.9150,
14.1970

197.6437,
203.8418, 229.9235

■ 6.7598, 6.6858,
8.1175

240.4558,
248.3103, 279.4565

■ 3.3573, 3.2664,
4.0814

289.0428,

■ 1.3454, 1.2724,

298.8169, 335.6368

1.6701

343.7700,
355.7459, 398.8830

■ 0.2168, 0.1196,
0.3401

■ 0.0000, 0.0000,
0.0000

■ 57.4180, 58.6172,
67.3195

■ 57.4180, 58.6172,
67.3195

■ 52.9762, 49.7328,
65.8396

■ 62.5111, 68.8024,
69.0179

■ 49.1545, 42.0896,
64.5658

■ 68.2748, 80.3297,
70.9391

■ 45.9270, 35.6347,
63.4899

■ 72.7554, 89.2908,
72.4326

■ 43.2638, 30.3084,
62.6022

■ 72.7555, 89.2908,
72.4326

41.1325, 26.0460,
61.8918

72.7556, 89.2909,
72.4326

39.4975, 22.7760,
61.3468

72.7556, 89.2909,
72.4326

38.3186, 20.4184,
60.9539

72.7557, 89.2909,
72.4326

37.5496, 18.8806,
60.6976

72.7558, 89.2910,
72.4326

37.1346, 18.0506,
60.5593

72.7559, 89.2910,
72.4326

Harmonies

Analogous

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



56.5799, 58.6172, 69.3664



57.4180, 58.6172, 67.3195



57.7998, 58.6172, 64.3834

Triad

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



57.4180, 58.6172, 67.3195



55.9088, 58.6172, 58.1032



53.8533, 58.6172, 66.3236

Complementary

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



57.4180, 58.6172, 67.3195



56.1770, 60.8929, 62.8284

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.



53.6788, 58.6172, 63.2681



57.4180, 58.6172, 67.3195



54.8567, 58.6172, 58.5853

Square

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



57.4180, 58.6172, 67.3195



56.9214, 58.6172, 59.1135



54.0438, 58.6172, 60.4520



54.5236, 58.6172, 68.7786

Rectangle

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



57.4180, 58.6172, 67.3195



57.7408, 58.6172, 62.3416



54.0438, 58.6172, 60.4520



53.7350, 58.6172, 65.3301

Sweetspot

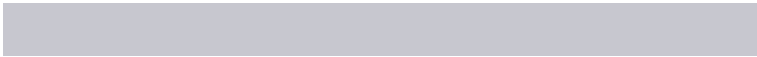
The Sweet Spot groups the original color and five complimentary colors.



57.4197, 58.6197, 67.3208



94.2419, 98.3838, 108.6306



55.2724, 57.5583, 67.2291



20.1802, 21.0752, 23.2543



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.



57.4197, 58.6197, 67.3208



91.1165, 92.1332, 107.5889



56.9528, 58.4330, 64.8621



12.6933, 12.7741, 15.0403



23.3078, 11.1959, 38.1251



1.3032, 0.6260, 2.1317

Inverse Universe

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



56.4664, 58.2384, 62.3009



89.1312, 91.3390, 97.1340



56.6316, 61.0747, 65.2224



12.3843, 12.6505, 13.4130



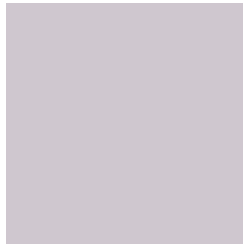
16.2124, 8.3578, 0.7588



0.9065, 0.4673, 0.0424

Previews

White Background



This preview shows how the XYZ color 57.4180, 58.6172, 67.3195 looks on a white background.

Color Contrast Check

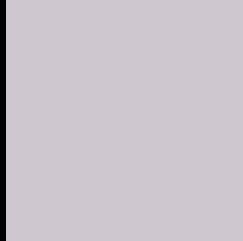
Large Text (above 18pt) WCAG AA × Fail

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 57.4180, 58.6172, 67.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

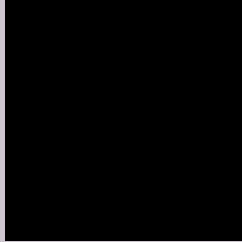
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4180, 58.6172, 67.3195

Background



This preview shows how black text looks on a background with the XYZ color 57.4180, 58.6172, 67.3195.

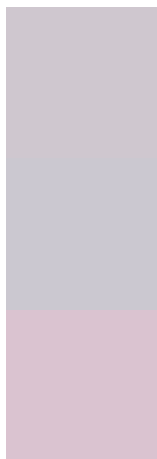


This preview shows how white text looks on a background with the XYZ color 57.4180, 58.6172,

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

57.4180, 58.6172, 67.3195

Protanopia

56.6680, 58.5591, 67.9908

Deuteranopia

59.8137, 58.4897, 67.8116



Tritanopia

58.3441, 58.6531, 71.8644

Trichromacy



Original Color

57.4180, 58.6172, 67.3195

Protanomaly

56.9413, 58.7000, 68.0036

Deuteranomaly

58.8566, 58.3301, 67.8313

Tritanomaly

57.9644, 58.5012, 69.8648

Monochromacy



Original Color

57.4180, 58.6172, 67.3195

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.6876, 58.9703, 65.5214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4180, 58.6172, 67.3195 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, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 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(207, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.4180, 58.6172, 67.3195 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, 199, 207) }
```


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

```
.border{ border-color:rgb(207, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4180, 58.6172, 67.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 199, 207) }
```

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

```
.background{ background-color: rgb(207,  
199, 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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