

Converting Colors

XYZ(57.5806, 58.7309, 68.5167)

Have a look what the booklet for
XYZ(57.5806, 58.7309, 68.5167)
contains.

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Color

**XYZ(57.6642, 58.7157,
68.6156)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC7D1
RGB	207, 199, 209
RGB Percent	81%, 78%, 82%
CMY	0.1882, 0.2196, 0.1804
CMYK	0.01, 0.05, 0.00, 0.18
HSL	288°, 10%, 80%
HSV	288°, 5%, 82%
XYZ	57.6642, 58.7157, 68.6156
YIQ	202.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

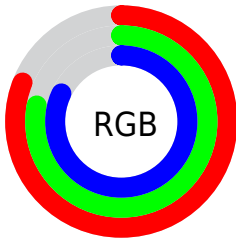
Format	Color
R_{YB}	207, 199, 209
Decimal	13617105
CIE _{Lab}	81.14, 4.59, -3.99
CIE _{LCh}	81, 6.087, 318.986
Yxy	58.7157, 0.3117, 0.3174
Android (android.graphics.Color)	4291807185 (0xFFCFC7D1)
YUV	202.5320, 3.1887, 3.9184
Hunter-Lab	76.6262, 0.2325, 0.5466

Details

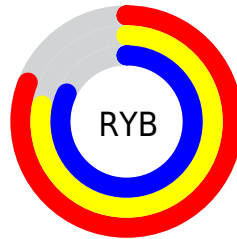
The XYZ color **57.6642, 58.7157, 68.6156** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1988, 62.1435, 63.0160**, and the grayscale version is **56.4528, 59.3928, 64.6787**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1787, 29.3897, 35.1452** is the 20% darker color. If you saturate the color by 10%, you get **52.0298, 49.1573, 67.0685**, and if you desaturate by 10%, it is **63.9934, 69.6159, 70.3869**.

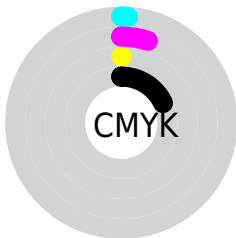
Distribution



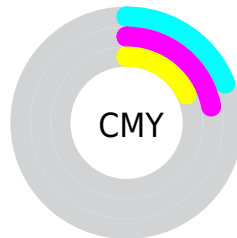
- Red (81%)
- Green (78%)
- Blue (82%)



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



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6642, 58.7157, 68.6156 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 57.6642, 58.7157, 68.6156 by changing the saturation by 10% instead.

■ 57.6642, 58.7157,
68.6156

■ 57.6642, 58.7157,
68.6156

405.9076,
419.8475, 474.3312

■ 41.7810, 42.3843,
49.9289

100.5595,
102.9644, 118.8949

■ 29.1202, 29.4023,
34.9861

128.3022,
131.6504, 151.3246

■ 19.3165, 19.3854,
23.3687

160.7288,
165.2234, 189.1723

■ 12.0045, 11.9491,
14.6581

198.2047,
204.0679, 232.8567

■ 6.8190, 6.7090,
8.4359

241.0951,
248.5681, 282.7963

■ 3.3945, 3.2808,
4.2834

289.7655,

■ 1.3656, 1.2800,

299.1085, 339.4095

1.7820

344.5812,
356.0735, 403.1150

■ 0.2315, 0.1257,
0.4161

■ 0.0000, 0.0000,
0.0000

■ 57.6642, 58.7157,
68.6156

■ 57.6642, 58.7157,
68.6156

■ 52.0298, 49.1573,
67.0685

■ 63.9934, 69.6159,
70.3869

■ 47.0581, 40.8796,
65.7328

■ 71.0376, 81.9010,
72.3868

■ 42.7219, 33.8278,
64.6002

■ 76.6463, 91.2682,
73.8993

■ 38.9903, 27.9403,
63.6605

■ 77.9242, 91.9270,
73.9591

35.8297, 23.1501,
62.9024

79.2340, 92.6022,
74.0204

33.2027, 19.3832,
62.3138

80.5759, 93.2940,
74.0832

31.0677, 16.5564,
61.8807

81.9501, 94.0024,
74.1475

29.3763, 14.5735,
61.5871

83.3567, 94.7275,
74.2133

28.0696, 13.3169,
61.4134

84.7962, 95.4696,
74.2807

Harmonies

Analogous

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



56.6031, 58.7157, 70.7517



57.6642, 58.7157, 68.6156



58.2308, 58.7157, 65.2723

Triad

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



57.6642, 58.7157, 68.6156



56.2738, 58.7157, 57.3306



53.5376, 58.7157, 66.2261

Complementary

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



57.6642, 58.7157, 68.6156



57.1988, 62.1435, 63.0160

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.



53.4524, 58.7157, 62.6090



57.6642, 58.7157, 68.6156



55.0194, 58.7157, 57.5642

Square

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



57.6642, 58.7157, 68.6156



57.4200, 58.7157, 58.8148



53.9911, 58.7157, 59.4654



54.2255, 58.7157, 69.3365

Rectangle

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



57.6642, 58.7157, 68.6156



58.2462, 58.7157, 62.8488



53.9911, 58.7157, 59.4654



53.4379, 58.7157, 65.0264

Sweetspot

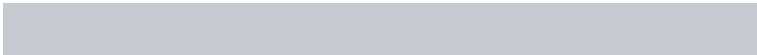
The Sweet Spot groups the original color and five complimentary colors.



57.6659, 58.7182, 68.6169



94.0545, 98.2872, 108.6219



55.9897, 58.5992, 68.6823



20.1420, 21.0556, 23.2525



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.



57.6659, 58.7182, 68.6169



89.2447, 90.0478, 107.2850



57.8805, 58.8690, 66.8124



12.4262, 12.4916, 14.9998



17.0285, 7.9588, 37.8312



1.0124, 0.4761, 2.1181

Inverse Universe

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



57.2626, 58.6219, 63.5583



88.4534, 89.8603, 97.2875



56.9967, 62.0009, 64.7394



12.3067, 12.4634, 13.4852



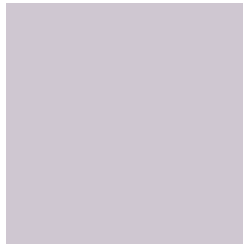
16.4964, 8.4714, 2.2541



0.9512, 0.4852, 0.2779

Previews

White Background



This preview shows how the XYZ color 57.6642, 58.7157, 68.6156 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 57.6642, 58.7157, 68.6156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

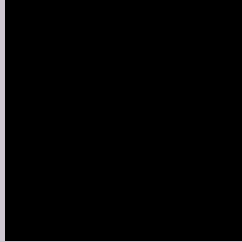
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

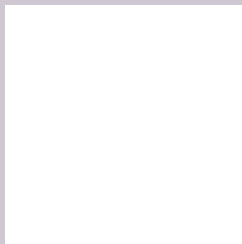
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6642, 58.7157, 68.6156

Background



This preview shows how black text looks on a background with the XYZ color 57.6642, 58.7157, 68.6156.

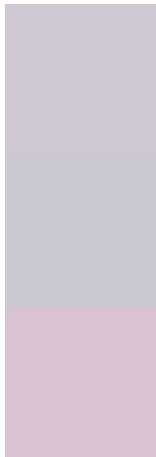


This preview shows how white text looks on a background with the XYZ color 57.6642, 58.7157,

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

57.6642, 58.7157, 68.6156

Protanopia

56.9157, 58.6582, 69.2952

Deuteranopia

59.7632, 58.4351, 69.1020



Tritanopia

58.3441, 58.6531, 71.8644

Trichromacy



Original Color

57.6642, 58.7157, 68.6156

Protanomaly

57.1890, 58.7991, 69.3079

Deuteranomaly

58.8134, 58.2791, 69.1220

Tritanomaly

58.0902, 58.5515, 70.5272

Monochromacy



Original Color

57.6642, 58.7157, 68.6156

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 57.6642, 58.7157, 68.6156 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, 209) looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 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, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 209) }
```

Border

The CSS property to change the border of an element to XYZ 57.6642, 58.7157, 68.6156 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, 209) }
```


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

```
.border{ border-color:rgb(207, 199, 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, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6642, 58.7157, 68.6156 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, 209) }
```

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

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