

Converting Colors

XYZ(57.0130, 58.0502, 67.7120)

Have a look what the booklet for
XYZ(57.0130, 58.0502, 67.7120)
contains.

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Color

**XYZ(57.0328, 58.0640,
67.8760)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC6D0
RGB	206, 198, 208
RGB Percent	81%, 78%, 82%
CMY	0.1922, 0.2235, 0.1843
CMYK	0.01, 0.05, 0.00, 0.18
HSL	288°, 10%, 80%
HSV	288°, 5%, 82%
XYZ	57.0328, 58.0640, 67.8760
YIQ	201.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

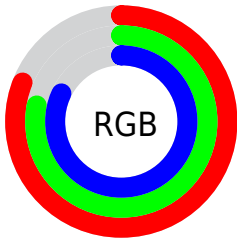
Format	Color
R _Y B	206, 198, 208
Decimal	13551312
CIE Lab	80.77, 4.60, -4.00
CIE LCh	81, 6.092, 318.987
Yxy	58.0640, 0.3117, 0.3173
Android (android.graphics.Color)	4291741392 (0xFFCEC6D0)
YUV	201.5320, 3.1887, 3.9184
Hunter-Lab	76.1997, 0.2514, 0.5264

Details

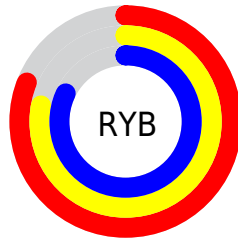
The XYZ color **57.0328, 58.0640, 67.8760** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5705, 61.4698, 62.3123**, and the grayscale version is **55.8291, 58.7365, 63.9641**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7549, 28.9550, 34.6452** is the 20% darker color. If you saturate the color by 10%, you get **51.4617, 48.6136, 66.3464**, and if you desaturate by 10%, it is **63.2907, 68.8410, 69.6272**.

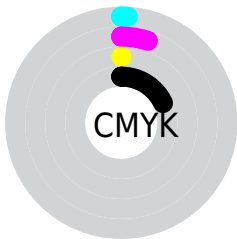
Distribution



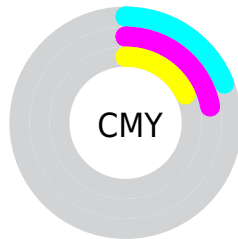
- Red (81%)
- Green (78%)
- Blue (82%)



- 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 57.0328, 58.0640, 67.8760 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 57.0328, 58.0640, 67.8760 by changing the saturation by 10% instead.

■ 57.0328, 58.0640,
67.8760

■ 57.0328, 58.0640,
67.8760

403.5844,
417.4244, 471.6427

■ 41.2718, 41.8601,
49.3308

99.6441, 102.0161,
117.8273

■ 28.7201, 28.9918,
34.5145

127.2252,
130.5330, 150.0704

■ 19.0124, 19.0746,
23.0086

159.4770,
163.9231, 187.7166

■ 11.7833, 11.7242,
14.3945

196.7649,
202.5707, 231.1845

■ 6.6675, 6.5562,
8.2537

239.4542,
246.8602, 280.8925

■ 3.2995, 3.1861,
4.1676

287.9103,

■ 1.3140, 1.2297,

297.1761, 337.2591

1.7177

342.4986,
353.9027, 400.7030

■ 0.1937, 0.0857,
0.3728

■ 0.0000, 0.0000,
0.0000

■ 57.0328, 58.0640,
67.8760

■ 57.0328, 58.0640,
67.8760

■ 51.4617, 48.6136,
66.3464

■ 63.2907, 68.8410,
69.6272

■ 46.5458, 40.4292,
65.0257

■ 70.2556, 80.9870,
71.6045

■ 42.2582, 33.4567,
63.9059

■ 76.2043, 91.0546,
73.2342

■ 38.5683, 27.6353,
62.9767

■ 77.4682, 91.7061,
73.2934

35.4428, 22.8987,
62.2272

78.7636, 92.3739,
73.3540

32.8450, 19.1738,
61.6451

80.0907, 93.0581,
73.4161

30.7335, 16.3783,
61.2168

81.4498, 93.7587,
73.4797

29.0606, 14.4171,
60.9265

82.8410, 94.4759,
73.5448

27.7681, 13.1741,
60.7547

84.2646, 95.2098,
73.6115

Harmonies

Analogous

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



55.9785, 58.0640, 69.9987



57.0328, 58.0640, 67.8760



57.5958, 58.0640, 64.5540

Triad

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



57.0328, 58.0640, 67.8760



55.6513, 58.0640, 56.6651



52.9331, 58.0640, 65.5017

Complementary

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



57.0328, 58.0640, 67.8760



56.5705, 61.4698, 62.3123

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.



52.8485, 58.0640, 61.9081



57.0328, 58.0640, 67.8760



54.4051, 58.0640, 56.8971

Square

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



57.0328, 58.0640, 67.8760



56.7901, 58.0640, 58.1391



53.3836, 58.0640, 58.7854



53.6165, 58.0640, 68.5924

Rectangle

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



57.0328, 58.0640, 67.8760



57.6110, 58.0640, 62.1463



53.3836, 58.0640, 58.7854



52.8340, 58.0640, 64.3097

Sweetspot

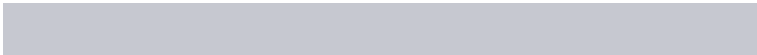
The Sweet Spot groups the original color and five complimentary colors.



57.0345, 58.0665, 67.8773



94.0544, 98.2872, 108.6219



55.3691, 57.9482, 67.9422



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.



57.0345, 58.0665, 67.8773



89.2446, 90.0477, 107.2850



57.2478, 58.2164, 66.0842



12.4262, 12.4916, 14.9998



17.0278, 7.9585, 37.8312



1.0124, 0.4761, 2.1181

Inverse Universe

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



56.6339, 57.9708, 62.8511



88.4534, 89.8603, 97.2877



56.3696, 61.3282, 64.0245



12.3067, 12.4634, 13.4853



16.4964, 8.4714, 2.2544



0.9512, 0.4852, 0.2779

Previews

White Background



This preview shows how the XYZ color 57.0328, 58.0640, 67.8760 looks on a white background.

Color Contrast Check

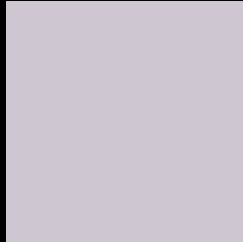
Large Text (above 18pt) WCAG AA × Fail

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 57.0328, 58.0640, 67.8760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

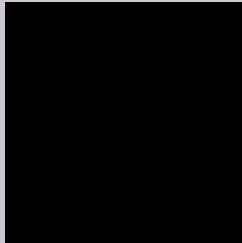
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.0328, 58.0640, 67.8760

Background



This preview shows how black text looks on a background with the XYZ color 57.0328, 58.0640, 67.8760.

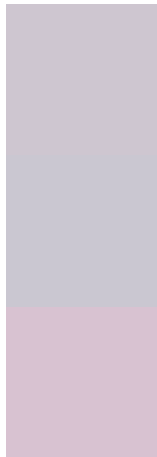


This preview shows how white text looks on a background with the XYZ color 57.0328, 58.0640,

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

57.0328, 58.0640, 67.8760

Protanopia

56.2892, 58.0069, 68.5513

Deuteranopia

59.1193, 57.7860, 68.3595



Tritanopia

57.7086, 58.0020, 71.1047

Trichromacy



Original Color

57.0328, 58.0640, 67.8760

Protanomaly

56.5606, 58.1468, 68.5640

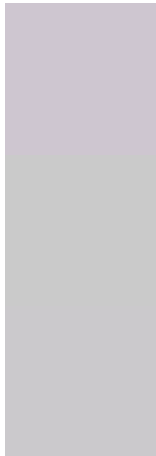
Deuteranomaly

58.1751, 57.6307, 68.3793

Tritanomaly

57.4563, 57.9011, 69.7758

Monochromacy



Original Color

57.0328, 58.0640, 67.8760

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.4143, 58.8294, 65.5086

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0328, 58.0640, 67.8760 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(206, 198, 208)` looks like.

```
.text, #text, p{  
    color:rgb(206, 198, 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(206, 198, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 198, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.0328, 58.0640, 67.8760 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(206, 198, 208) }
```


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

```
.border{ border-color:rgb(206, 198, 208) }
```

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

Here you see how a box with a 4 pixel rgb(206, 198, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 198, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 198, 208);  
box-shadow:4px 4px 4px 4px rgb(206, 198,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0328, 58.0640, 67.8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 198, 208) }
```

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

```
.background{ background-color: rgb(206,  
198, 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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