

Converting Colors

XYZ(57.3292, 61.0878, 68.4610)

Have a look what the booklet for
XYZ(57.3292, 61.0878, 68.4610)
contains.

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Color

**XYZ(57.2759, 60.9760,
68.4253)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CED0
RGB	200, 206, 208
RGB Percent	78%, 81%, 82%
CMY	0.2157, 0.1921, 0.1843
CMYK	0.04, 0.01, 0.00, 0.18
HSL	195°, 8%, 80%
HSV	195°, 4%, 82%
XYZ	57.2759, 60.9760, 68.4253
YIQ	204.4340, -4.2180, -0.6500

Conversions

Conversions Part 2

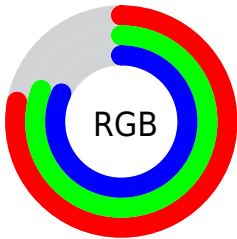
Format	Color
R _Y B	200, 203, 208
Decimal	13160144
CIE Lab	82.37, -1.66, -1.71
CIE LCh	82, 2.389, 225.829
Yxy	60.9760, 0.3068, 0.3266
Android (android.graphics.Color)	4291350224 (0xFFC8CED0)
YUV	204.4340, 1.7580, -3.8886
Hunter-Lab	78.0871, -5.7250, 2.7070

Details

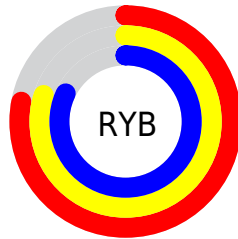
The XYZ color **57.2759, 60.9760, 68.4253** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.5585, 59.8206, 63.1575**, and the grayscale version is **57.6617, 60.6646, 66.0637**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9150, 30.9006, 35.0123** is the 20% darker color. If you saturate the color by 10%, you get **50.8654, 55.8480, 67.7743**, and if you desaturate by 10%, it is **64.4869, 66.5814, 69.1281**.

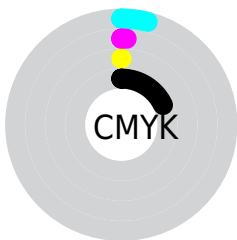
Distribution



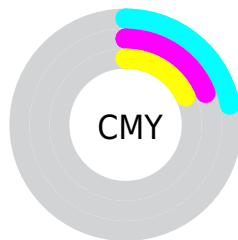
- Red (78%)
- Green (81%)
- Blue (82%)



- Red (78%)
- Yellow (80%)
- Blue (82%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2759, 60.9760, 68.4253 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 57.2759, 60.9760, 68.4253 by changing the saturation by 10% instead.

■ 57.2759, 60.9760,
68.4253

■ 57.2759, 60.9760,
68.4253

404.4798,
428.1860, 473.6403

■ 41.4678, 44.2058,
49.7750

99.9967, 106.2442,
118.6203

■ 28.8741, 30.8323,
34.8647

127.6401,
135.5110, 151.0021

■ 19.1294, 20.4712,
23.2760

159.9593,
169.7120, 188.7981

■ 11.8684, 12.7380,
14.5902

197.3196,
209.2318, 232.4268

■ 6.7257, 7.2484,
8.3889

240.0865,
254.4547, 282.3069

■ 3.3359, 3.6179,
4.2534

288.6253,

■ 1.3338, 1.4622,

305.7651, 338.8568

1.7654

343.3013,
363.5474, 402.4951

■ 0.2083, 0.2619,
0.4050

■ 0.0000, 0.0000,
0.0000

■ 57.2759, 60.9760,
68.4253

■ 57.2759, 60.9760,
68.4253

■ 50.8654, 55.8480,
67.7743

■ 64.4869, 66.5814,
69.1281

■ 45.2196, 51.1732,
67.1695

■ 72.5223, 72.6719,
69.8802

■ 40.3073, 46.9367,
66.6107

■ 78.6352, 77.8339,
70.5544

■ 36.0935, 43.1197,
66.0961

■ 80.0320, 80.6275,
71.0200

■ 32.5398, 39.7020,
65.6237

■ 81.4717, 83.5068,
71.4999

■ 29.6043, 36.6613,
65.1915

■ 82.9545, 86.4725,
71.9941

■ 27.2398, 33.9725,
64.7971

■ 84.4809, 89.5252,
72.5029

■ 25.3918, 31.6071,
64.4379

■ 86.0511, 92.6657,
73.0263

■ 23.9945, 29.5305,
64.1107

■ 87.6656, 95.8947,
73.5645

Harmonies

Analogous

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



57.0184, 60.9760, 67.1607



57.2759, 60.9760, 68.4253



57.7163, 60.9760, 69.1501

Triad

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



57.2759, 60.9760, 68.4253



58.9109, 60.9760, 67.0818



57.6891, 60.9760, 63.7296

Complementary

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



57.2759, 60.9760, 68.4253



57.5585, 59.8206, 63.1575

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.



58.1960, 60.9760, 63.7092



57.2759, 60.9760, 68.4253



58.9035, 60.9760, 65.6302

Square

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



57.2759, 60.9760, 68.4253



58.6614, 60.9760, 68.3668



58.6412, 60.9760, 64.4004



57.2560, 60.9760, 64.4566

Rectangle

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



57.2759, 60.9760, 68.4253



58.0554, 60.9760, 69.2230



58.6412, 60.9760, 64.4004



57.8564, 60.9760, 63.6403

Sweetspot

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



57.2776, 60.9786, 68.4266



93.9153, 99.1141, 108.7888



57.0212, 61.6501, 64.6897



20.1137, 21.2239, 23.2865



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.



57.2776, 60.9786, 68.4266



89.5070, 95.6478, 108.3521



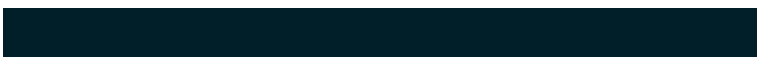
56.3574, 59.1381, 68.1199



12.4424, 13.3202, 15.1589



14.5941, 17.8348, 39.8658



0.8768, 1.1187, 2.2493

Inverse Universe

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



57.8086, 59.1759, 66.7708



90.6084, 91.9299, 104.9126



58.4779, 61.6595, 63.4640



12.6140, 12.7423, 14.6225



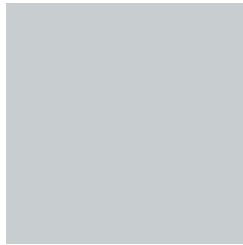
19.9972, 9.8717, 20.6890



1.1488, 0.5642, 1.3183

Previews

White Background



This preview shows how the XYZ color 57.2759, 60.9760, 68.4253 looks on a white background.

Color Contrast Check

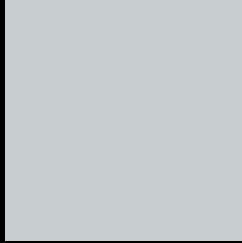
Large Text (above 18pt) WCAG AA × Fail

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 57.2759, 60.9760, 68.4253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

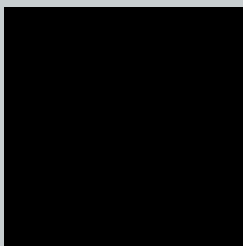
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

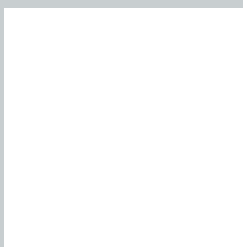
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2759, 60.9760, 68.4253

Background



This preview shows how black text looks on a background with the XYZ color 57.2759, 60.9760, 68.4253.

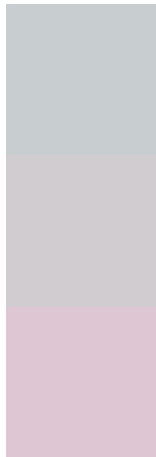


This preview shows how white text looks on a background with the XYZ color 57.2759, 60.9760,

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

57.2759, 60.9760, 68.4253

Protanopia

58.8678, 61.1006, 67.7224

Deuteranopia

61.9511, 60.5709, 69.3989



Tritanopia

58.8683, 60.9096, 76.3642

Trichromacy



Original Color

57.2759, 60.9760, 68.4253

Protanomaly

58.2706, 61.1468, 67.7628

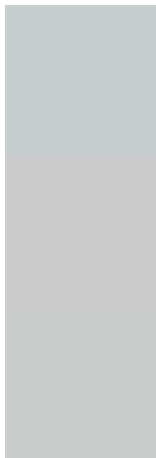
Deuteranomaly

60.1268, 60.6729, 68.8636

Tritanomaly

58.3134, 61.0380, 73.6738

Monochromacy



Original Color

57.2759, 60.9760, 68.4253

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.4794, 60.7669, 66.4573

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2759, 60.9760, 68.4253 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(200, 206, 208) looks like.

```
.text, #text, p{  
    color:rgb(200, 206, 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(200, 206, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 206, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.2759, 60.9760, 68.4253 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(200, 206, 208) }
```


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

```
.border{ border-color:rgb(200, 206, 208) }
```

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

Here you see how a box with a 4 pixel rgb(200, 206, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 206, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 206, 208);  
box-shadow:4px 4px 4px 4px rgb(200, 206,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2759, 60.9760, 68.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 206, 208) }
```

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

```
.background{ background-color: rgb(200,  
206, 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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