

Converting Colors

XYZ(56.9806, 60.3561, 68.2266)

Have a look what the booklet for
XYZ(56.9806, 60.3561, 68.2266)
contains.

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Color

**XYZ(57.0359, 60.4961,
68.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CDD0
RGB	200, 205, 208
RGB Percent	78%, 80%, 82%
CMY	0.2157, 0.1961, 0.1843
CMYK	0.04, 0.01, 0.00, 0.18
HSL	202°, 8%, 80%
HSV	202°, 4%, 82%
XYZ	57.0359, 60.4961, 68.3453
YIQ	203.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

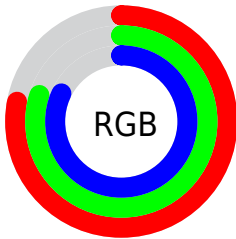
Format	Color
R _Y B	200, 203, 208
Decimal	13159888
CIE Lab	82.11, -1.14, -2.09
CIE LCh	82, 2.383, 241.419
Yxy	60.4961, 0.3068, 0.3255
Android (android.graphics.Color)	4291349968 (0xFFC8CDD0)
YUV	203.8470, 2.0474, -3.3738
Hunter-Lab	77.7792, -5.2187, 2.3468

Details

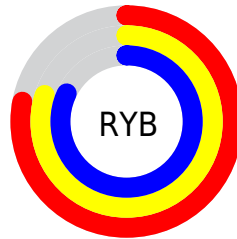
The XYZ color **57.0359, 60.4961, 68.3453** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7938, 60.2912, 63.2358**, and the grayscale version is **57.2886, 60.2721, 65.6363**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7534, 30.5773, 34.9584** is the 20% darker color. If you saturate the color by 10%, you get **50.0372, 54.1916, 67.4982**, and if you desaturate by 10%, it is **64.8867, 67.3810, 69.2614**.

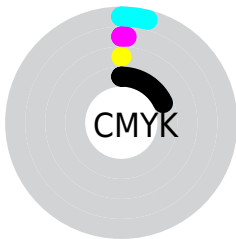
Distribution



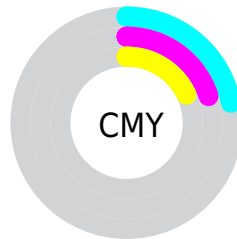
- Red (78%)
- Green (80%)
- Blue (82%)



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



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



- Cyan (22%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0359, 60.4961, 68.3453 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 57.0359, 60.4961, 68.3453 by changing the saturation by 10% instead.

■ 57.0359, 60.4961,
68.3453

■ 57.0359, 60.4961,
68.3453

403.5958,
426.4240, 473.3497

■ 41.2743, 43.8186,
49.7103

99.6486, 105.5490,
118.5049

■ 28.7221, 30.5279,
34.8137

127.2305,
134.6932, 150.8665

■ 19.0139, 20.2397,
23.2370

159.4831,
168.7618, 188.6407

■ 11.7844, 12.5694,
14.5616

196.7719,
208.1391, 232.2460

■ 6.6682, 7.1327,
8.3691

239.4623,
253.2096, 282.1011

■ 3.2999, 3.5452,
4.2409

287.9194,

■ 1.3143, 1.4226,

304.3576, 338.6243

1.7584

342.5088,
361.9676, 402.2344

■ 0.1939, 0.2333,
0.4003

■ 0.0000, 0.0000,
0.0000

■ 57.0359, 60.4961,
68.3453

■ 57.0359, 60.4961,
68.3453

■ 50.0372, 54.1916,
67.4982

■ 64.8867, 67.3810,
69.2614

■ 43.8536, 48.4414,
66.7142

■ 73.6142, 74.8560,
70.2442

■ 38.4533, 43.2287,
65.9927

■ 80.4728, 81.5091,
71.1669

■ 33.8000, 38.5329,
65.3316

■ 82.6695, 85.9024,
71.8991

■ 29.8546, 34.3315,
64.7286

■ 84.9640, 90.4914,
72.6639

■ 26.5738, 30.6002,
64.1813

■ 87.3576, 95.2786,
73.4618

■ 23.9094, 27.3118,
63.6870

■ 88.3853, 97.3341,
73.8044

■ 21.8059, 24.4355,
63.2426

■ 20.1964, 21.9343,
62.8447

Harmonies

Analogous

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



56.6741, 60.4961, 67.3321



57.0359, 60.4961, 68.3453



57.5238, 60.4961, 68.6927

Triad

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



57.0359, 60.4961, 68.3453



58.4771, 60.4961, 65.8010



56.9944, 60.4961, 63.5224

Complementary

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



57.0359, 60.4961, 68.3453



57.7938, 60.2912, 63.2358

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.



57.4756, 60.4961, 63.1256



57.0359, 60.4961, 68.3453



58.3334, 60.4961, 64.4292

Square

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



57.0359, 60.4961, 68.3453



58.3577, 60.4961, 67.2109



57.9661, 60.4961, 63.4551



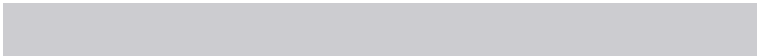
56.6502, 60.4961, 64.5470

Rectangle

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



57.0359, 60.4961, 68.3453



57.8555, 60.4961, 68.4960



57.9661, 60.4961, 63.4551



57.1454, 60.4961, 63.3119

Sweetspot

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



57.0376, 60.4987, 68.3466



93.8141, 98.9117, 108.7551



57.1477, 61.7007, 65.3566



20.0931, 21.1827, 23.2796



0.0000, 0.0000, 0.0000



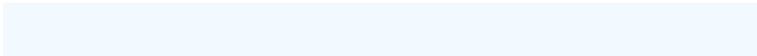
20.3446, 21.4041, 23.3091

Same Dimension

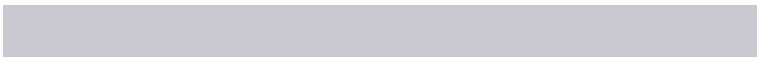
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0376, 60.4987, 68.3466



89.0092, 94.6522, 108.1862



56.1077, 58.6387, 68.0366



12.3648, 13.1650, 15.1331



12.1740, 12.9947, 39.0591



0.7556, 0.8763, 2.2089

Inverse Universe

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



57.6875, 59.1273, 66.1330



90.3571, 91.8294, 103.5895



58.7353, 62.1743, 63.5496



12.5748, 12.7267, 14.4163



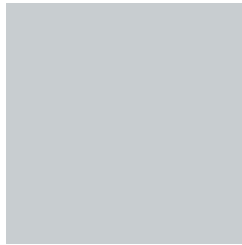
18.7756, 9.3831, 14.2565



1.0876, 0.5398, 0.9961

Previews

White Background



This preview shows how the XYZ color 57.0359, 60.4961, 68.3453 looks on a white background.

Color Contrast Check

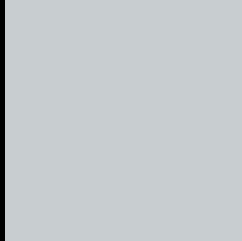
Large Text (above 18pt) WCAG AA × Fail

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 57.0359, 60.4961, 68.3453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

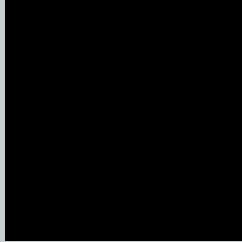
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

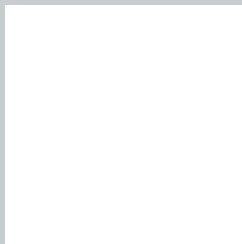
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0359, 60.4961, 68.3453

Background



This preview shows how black text looks on a background with the XYZ color 57.0359, 60.4961, 68.3453.

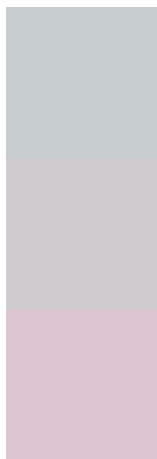


This preview shows how white text looks on a background with the XYZ color 57.0359, 60.4961,

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

57.0359, 60.4961, 68.3453

Protanopia

58.3505, 60.4823, 67.6303

Deuteranopia

61.5215, 60.3638, 68.7304



Tritanopia

58.4992, 60.3829, 75.5897

Trichromacy



Original Color

57.0359, 60.4961, 68.3453

Protanomaly

57.7572, 60.5281, 67.6704

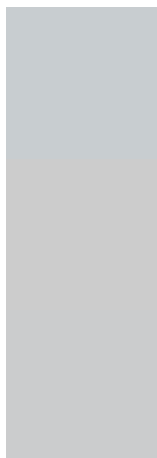
Deuteranomaly

59.8358, 60.5229, 68.8500

Tritanomaly

57.9460, 60.5095, 72.9154

Monochromacy



Original Color

57.0359, 60.4961, 68.3453

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.2409, 60.2900, 66.3778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0359, 60.4961, 68.3453 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, 205, 208) looks like.

```
.text, #text, p{  
    color:rgb(200, 205, 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, 205, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 205, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.0359, 60.4961, 68.3453 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, 205, 208) }
```


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

```
.border{ border-color:rgb(200, 205, 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, 205, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 205, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 205, 208);  
box-shadow:4px 4px 4px 4px rgb(200, 205,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0359, 60.4961, 68.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 205, 208) }
```

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

```
.background{ background-color: rgb(200,  
205, 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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