

Converting Colors

XYZ(57.0489, 60.2641, 68.4524)

Have a look what the booklet for
XYZ(57.0489, 60.2641, 68.4524)
contains.

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Color

**XYZ(57.0654, 60.1573,
68.2784)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CCD0
RGB	201, 204, 208
RGB Percent	79%, 80%, 82%
CMY	0.2118, 0.2000, 0.1843
CMYK	0.03, 0.02, 0.00, 0.18
HSL	214°, 7%, 80%
HSV	214°, 3%, 82%
XYZ	57.0654, 60.1573, 68.2784
YIQ	203.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

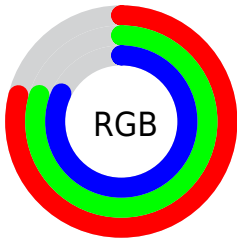
Format	Color
R _Y B	201, 203, 208
Decimal	13225168
CIE Lab	81.92, -0.28, -2.35
CIE LCh	82, 2.369, 263.298
Yxy	60.1573, 0.3076, 0.3243
Android (android.graphics.Color)	4291415248 (0xFFC9CCD0)
YUV	203.5590, 2.1894, -2.2442
Hunter-Lab	77.5611, -4.4011, 2.0988

Details

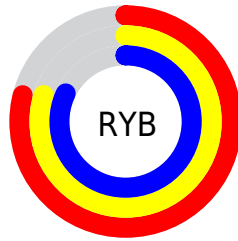
The XYZ color **57.0654, 60.1573, 68.2784** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3865, 61.2889, 64.0118**, and the grayscale version is **57.1058, 60.0797, 65.4268**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.7717, 30.3488, 34.9133** is the 20% darker color. If you saturate the color by 10%, you get **49.1326, 52.0377, 67.1302**, and if you desaturate by 10%, it is **65.9740, 69.1029, 69.5365**.

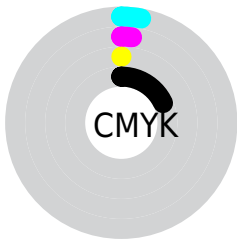
Distribution



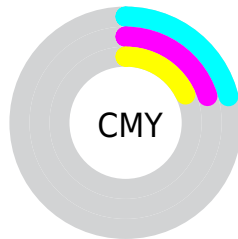
- Red (79%)
- Green (80%)
- Blue (82%)



- Red (79%)
- Yellow (80%)
- Blue (82%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (21%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0654, 60.1573, 68.2784 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 57.0654, 60.1573, 68.2784 by changing the saturation by 10% instead.

■ 57.0654, 60.1573,
68.2784

■ 57.0654, 60.1573,
68.2784

403.7045,
425.1773, 473.1066

■ 41.2981, 43.5454,
49.6562

99.6914, 105.0578,
118.4083

■ 28.7408, 30.3133,
34.7710

127.2808,
134.1153, 150.7530

■ 19.0281, 20.0765,
23.2044

159.5417,
168.0900, 188.5090

■ 11.7947, 12.4507,
14.5378

196.8393,
207.3665, 232.0948

■ 6.6753, 7.0514,
8.3526

239.5390,
252.3291, 281.9289

■ 3.3044, 3.4943,
4.2304

288.0062,

■ 1.3167, 1.3949,

303.3621, 338.4299

1.7526

342.6063,
360.8501, 402.0163

■ 0.1957, 0.2130,
0.3964

■ 0.0000, 0.0000,
0.0000

■ 57.0654, 60.1573,
68.2784

■ 57.0654, 60.1573,
68.2784

■ 49.1326, 52.0377,
67.1302

■ 65.9740, 69.1029,
69.5365

■ 42.1356, 44.7112,
66.0848

■ 75.8865, 78.8907,
70.9032

■ 36.0388, 38.1539,
65.1404

■ 83.6771, 87.9176,
72.2350

■ 30.8025, 32.3377,
64.2938

■ 87.2812, 95.1258,
73.4364

■ 26.3836, 27.2325,
63.5413

■ 88.3853, 97.3341,
73.8044

■ 22.7353, 22.8059,
62.8792

■ 19.8052, 19.0223,
62.3033

■ 17.5336, 15.8418,
61.8091

■ 15.8496, 13.2183,
61.3915

Harmonies

Analogous

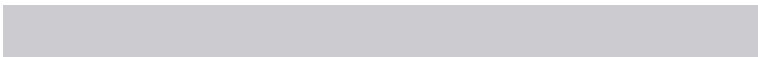
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.6041, 60.1573, 67.7371



57.0654, 60.1573, 68.2784



57.5594, 60.1573, 68.0668

Triad

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



57.0654, 60.1573, 68.2784



58.0667, 60.1573, 64.4164



56.4091, 60.1573, 63.8666

Complementary

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



57.0654, 60.1573, 68.2784



58.3865, 61.2889, 64.0118

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.



56.7977, 60.1573, 63.0006



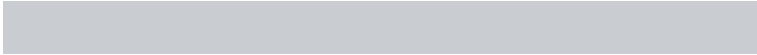
57.0654, 60.1573, 68.2784



57.7552, 60.1573, 63.3148

Square

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



57.0654, 60.1573, 68.2784



58.1394, 60.1573, 65.8235



57.2902, 60.1573, 62.8001



56.2267, 60.1573, 65.1797

Rectangle

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



57.0654, 60.1573, 68.2784



57.8406, 60.1573, 67.5288



57.2902, 60.1573, 62.8001



56.5199, 60.1573, 63.5144

Sweetspot

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



57.0671, 60.1599, 68.2797



93.6554, 98.5942, 108.7022



57.6596, 61.9364, 66.6534



20.0608, 21.1181, 23.2688



0.0000, 0.0000, 0.0000



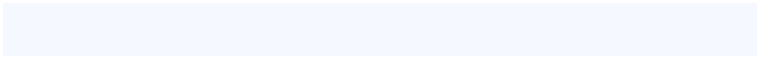
20.3446, 21.4041, 23.3091

Same Dimension

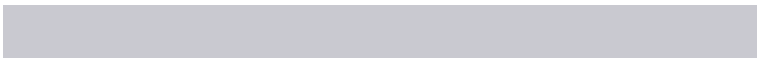
The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.0671, 60.1599, 68.2797



89.5667, 94.4570, 108.1191



56.4857, 58.8105, 68.0499



12.4164, 13.0991, 15.1176



9.4269, 7.5004, 38.1434



0.6051, 0.5755, 2.1587

Inverse Universe

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



57.7995, 59.5439, 65.5765



90.9584, 93.2944, 102.9805



58.9808, 62.6721, 64.2475



12.6422, 12.9117, 14.2836



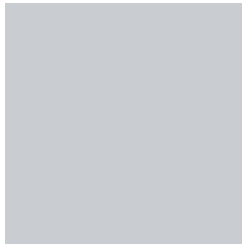
17.3890, 8.8284, 6.9546



1.0117, 0.5094, 0.5963

Previews

White Background



This preview shows how the XYZ color 57.0654, 60.1573, 68.2784 looks on a white background.

Color Contrast Check

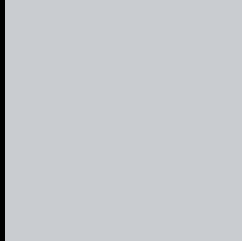
Large Text (above 18pt) WCAG AA × Fail

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 57.0654, 60.1573, 68.2784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

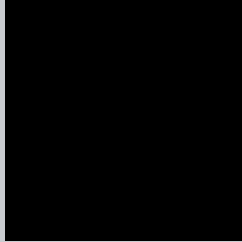
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

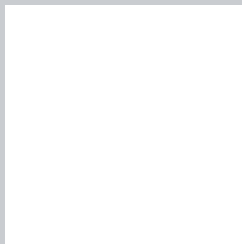
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0654, 60.1573, 68.2784

Background



This preview shows how black text looks on a background with the XYZ color 57.0654, 60.1573, 68.2784.

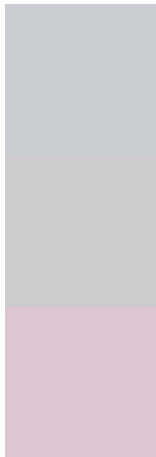


This preview shows how white text looks on a background with the XYZ color 57.0654, 60.1573,

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

57.0654, 60.1573, 68.2784

Protanopia

58.0720, 60.3387, 67.6173

Deuteranopia

61.2937, 59.9081, 68.6545



Tritanopia

58.4040, 59.9995, 74.8325

Trichromacy



Original Color

57.0654, 60.1573, 68.2784

Protanomaly

57.5203, 60.0542, 67.5915

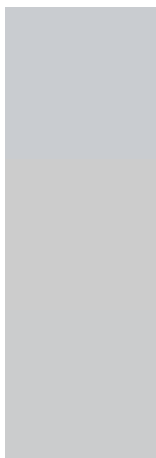
Deuteranomaly

59.8945, 60.2081, 68.7862

Tritanomaly

57.8507, 60.1235, 72.1743

Monochromacy



Original Color

57.0654, 60.1573, 68.2784

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 57.0654, 60.1573, 68.2784 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(201, 204, 208)` looks like.

```
.text, #text, p{  
    color:rgb(201, 204, 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(201, 204, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 204, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.0654, 60.1573, 68.2784 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(201, 204, 208) }
```


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

```
.border{ border-color:rgb(201, 204, 208) }
```

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

Here you see how a box with a 4 pixel rgb(201, 204, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 204, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 204, 208);  
box-shadow:4px 4px 4px 4px rgb(201, 204,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0654, 60.1573, 68.2784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 204, 208) }
```

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

```
.background{ background-color: rgb(201,  
204, 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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