

Converting Colors

XYZ(55.5926, 58.8399, 68.0754)

Have a look what the booklet for
XYZ(55.5926, 58.8399, 68.0754)
contains.

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Color

**XYZ(55.5317, 58.6654,
68.0712)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CAD0
RGB	197, 202, 208
RGB Percent	77%, 79%, 82%
CMY	0.2274, 0.2078, 0.1843
CMYK	0.05, 0.03, 0.00, 0.18
HSL	213°, 10%, 79%
HSV	213°, 5%, 82%
XYZ	55.5317, 58.6654, 68.0712
YIQ	201.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

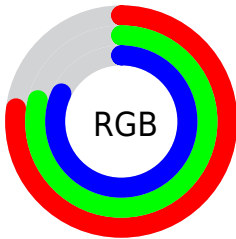
Format	Color
R_{YB}	197, 200, 208
Decimal	12962512
CIE _{Lab}	81.11, -0.57, -3.59
CIE _{LCh}	81, 3.633, 260.952
Yxy	58.6654, 0.3047, 0.3219
Android (android.graphics.Color)	4291152592 (0xFFC5CAD0)
YUV	201.1890, 3.3578, -3.6738
Hunter-Lab	76.5933, -4.6223, 0.9222

Details

The XYZ color **55.5317, 58.6654, 68.0712** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4467, 60.1527, 61.4074**, and the grayscale version is **55.6180, 58.5144, 63.7222**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **27.7503, 29.3525, 34.7749** is the 20% darker color. If you saturate the color by 10%, you get **47.8932, 50.9232, 66.9803**, and if you desaturate by 10%, it is **64.1207, 67.1911, 69.2650**.

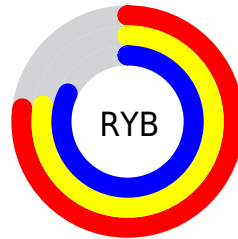
Distribution



Red (77%)

Green (79%)

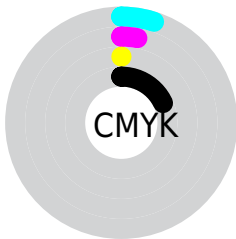
Blue (82%)



Red (77%)

Yellow (78%)

Blue (82%)

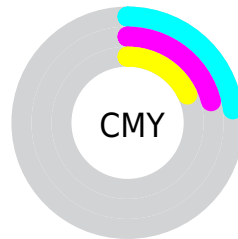


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (18%)



Cyan (23%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5317, 58.6654, 68.0712 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 55.5317, 58.6654, 68.0712 by changing the saturation by 10% instead.

■ 55.5317, 58.6654,
68.0712

■ 55.5317, 58.6654,
68.0712

398.0280,
419.6608, 472.3531

■ 40.0631, 42.3438,
49.4886

97.4633, 102.8912,
118.1092

■ 27.7722, 29.3706,
34.6389

124.6571,
131.5642, 150.4016

■ 18.2936, 19.3614,
23.1035

156.4899,
165.1232, 188.1011

■ 11.2619, 11.9317,
14.4640

193.3272,
203.9525, 231.6262

■ 6.3119, 6.6972,
8.3016

235.5343,
248.4365, 281.3954

■ 3.0781, 3.2734,
4.1980

283.4766,

■ 1.1952, 1.2761,

298.9596, 337.8273

1.7346

337.5193,
355.9063, 401.3403

■ 0.1026, 0.1226,
0.3843

■ 0.0000, 0.0000,
0.0000

■ 55.5317, 58.6654,
68.0712

■ 55.5317, 58.6654,
68.0712

■ 47.8932, 50.9232,
66.9803

■ 64.1207, 67.1911,
69.2650

■ 41.1653, 43.9328,
65.9856

■ 73.6879, 76.5159,
70.5606

■ 35.3127, 37.6714,
65.0855

■ 82.6280, 85.8194,
71.8852

■ 30.2958, 32.1119,
64.2768

■ 85.9979, 92.5592,
73.0085

■ 26.0715, 27.2251,
63.5562

■ 88.3853, 97.3341,
73.8043

■ 22.5929, 22.9797,
62.9201

■ 19.8072, 19.3411,
62.3646

■ 17.6539, 16.2701,
61.8854

■ 16.0597, 13.7208,
61.4773

Harmonies

Analogous

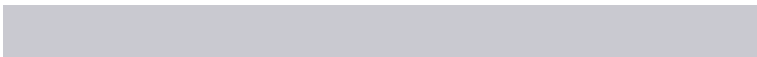
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.8501, 58.6654, 67.1603



55.5317, 58.6654, 68.0712



56.2804, 58.6654, 67.8386

Triad

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



55.5317, 58.6654, 68.0712



57.1265, 58.6654, 62.4014



54.6398, 58.6654, 61.2930

Complementary

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



55.5317, 58.6654, 68.0712



57.4467, 60.1527, 61.4074

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.



55.2422, 58.6654, 60.0720



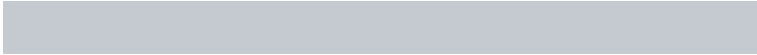
55.5317, 58.6654, 68.0712



56.6793, 58.6654, 60.7018

Square

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



55.5317, 58.6654, 68.0712



57.2057, 58.6654, 64.5328



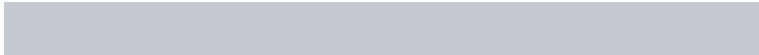
55.9883, 58.6654, 59.8580



54.3383, 58.6654, 63.2250

Rectangle

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



55.5317, 58.6654, 68.0712



56.7166, 58.6654, 67.0685



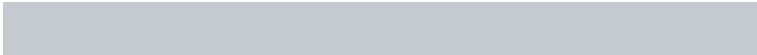
55.9883, 58.6654, 59.8580



54.8136, 58.6654, 60.7877

Sweetspot

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



55.5334, 58.6679, 68.0725



92.3179, 97.2843, 108.5198



56.3465, 61.2885, 65.2777



19.7885, 20.8514, 23.2317



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.



55.5334, 58.6679, 68.0725



87.0398, 92.0056, 107.7791



54.4746, 56.4077, 67.6920



12.0923, 12.7870, 15.0745



9.7179, 8.0824, 38.2404



0.6222, 0.6096, 2.1644

Inverse Universe

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



56.6407, 57.6080, 64.0141



89.0477, 90.0980, 100.4170



58.5443, 62.5007, 61.8027



12.3965, 12.4993, 13.9584



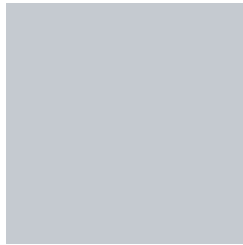
17.5359, 8.8872, 7.7281



1.0203, 0.5128, 0.6416

Previews

White Background



This preview shows how the XYZ color 55.5317, 58.6654, 68.0712 looks on a white background.

Color Contrast Check

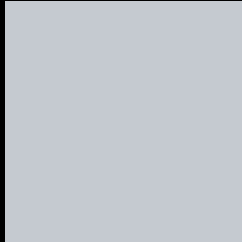
Large Text (above 18pt) WCAG AA × Fail

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 55.5317, 58.6654, 68.0712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

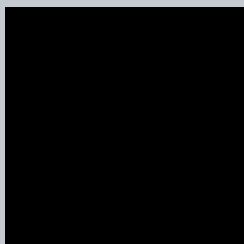
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

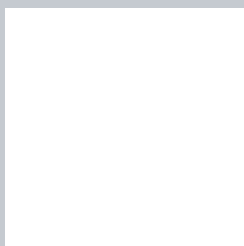
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5317, 58.6654, 68.0712

Background



This preview shows how black text looks on a background with the XYZ color 55.5317, 58.6654, 68.0712.



This preview shows how white text looks on a background with the XYZ color 55.5317, 58.6654,

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

55.5317, 58.6654, 68.0712

Protanopia

56.5454, 58.5101, 67.3448

Deuteranopia

59.6390, 58.3854, 68.4478



Tritanopia

56.6997, 58.7888, 74.0046

Trichromacy



Original Color

55.5317, 58.6654, 68.0712

Protanomaly

56.2365, 58.6958, 67.3969

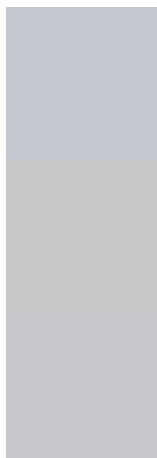
Deuteranomaly

58.2810, 58.6933, 68.5788

Tritanomaly

56.3129, 58.6341, 71.9678

Monochromacy



Original Color

55.5317, 58.6654, 68.0712

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6051, 58.4123, 65.4707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5317, 58.6654, 68.0712 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(197, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(197, 202, 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(197, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 202, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.5317, 58.6654, 68.0712 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(197, 202, 208) }
```


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

```
.border{ border-color:rgb(197, 202, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(197, 202,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5317, 58.6654, 68.0712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 202, 208) }
```

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

```
.background{ background-color: rgb(197,  
202, 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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