

Converting Colors

XYZ(55.3176, 58.4524, 68.2256)

Have a look what the booklet for
XYZ(55.3176, 58.4524, 68.2256)
contains.

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Color

**XYZ(55.2706, 58.5309,
68.0590)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | C4CAD0 |
| RGB | 196, 202, 208 |
| RGB Percent | 77%, 79%, 82% |
| CMY | 0.2314, 0.2078, 0.1843 |
| CMYK | 0.06, 0.03, 0.00, 0.18 |
| HSL | 210°, 11%, 79% |
| HSV | 210°, 6%, 82% |
| XYZ | 55.2706, 58.5309, 68.0590 |
| YIQ | 200.8900, -5.5020, 0.5940 |

Conversions

Conversions Part 2

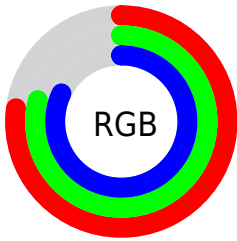
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 196, 200, 208 |
| Decimal | 12896976 |
| CIE Lab | 81.03, -0.91, -3.71 |
| CIE LCh | 81, 3.815, 256.240 |
| Yxy | 58.5309, 0.3039, 0.3218 |
| Android (android.graphics.Color) | 4291087056 (0xFFC4CAD0) |
| YUV | 200.8900, 3.5052, -4.2885 |
| Hunter-Lab | 76.5055, -4.9291, 0.8097 |

Details

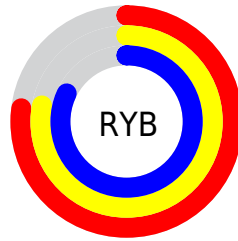
The XYZ color **55.2706, 58.5309, 68.0590** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0968, 59.6358, 60.7269**, and the grayscale version is **55.4320, 58.3188, 63.5092**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **27.5780, 29.2637, 34.7668** is the 20% darker color. If you saturate the color by 10%, you get **47.8740, 51.2199, 67.0386**, and if you desaturate by 10%, it is **63.5850, 66.5621, 69.1719**.

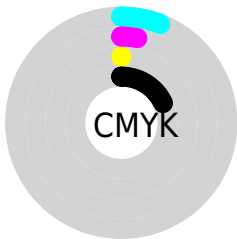
Distribution



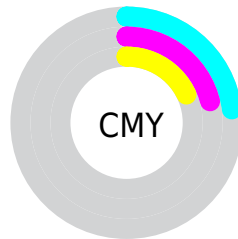
- Red (77%)
- Green (79%)
- Blue (82%)



- Red (77%)
- Yellow (78%)
- Blue (82%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2706, 58.5309, 68.0590 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 55.2706, 58.5309, 68.0590 by changing the saturation by 10% instead.

■ 55.2706, 58.5309,
68.0590

■ 55.2706, 58.5309,
68.0590

397.0566,
419.1613, 472.3088

■ 39.8531, 42.2356,
49.4787

97.0833, 102.6956,
118.0916

■ 27.6077, 29.2858,
34.6311

124.2093,
131.3337, 150.3809

■ 18.1691, 19.2971,
23.0976

155.9688,
164.8550, 188.0771

■ 11.1719, 11.8852,
14.4596

192.7271,
203.6437, 231.5986

■ 6.2507, 6.6655,
8.2986

234.8497,
248.0843, 281.3640

■ 3.0402, 3.2538,
4.1961

282.7020,

■ 1.1751, 1.2656,

298.5612, 337.7918

1.7335

336.6491,
355.4587, 401.3005

■ 0.0866, 0.1144,
0.3836

■ 0.0000, 0.0000,
0.0000

■ 55.2706, 58.5309,
68.0590

■ 55.2706, 58.5309,
68.0590

■ 47.8740, 51.2199,
67.0386

■ 63.5850, 66.5621,
69.1719

■ 41.3562, 44.5995,
66.1042

■ 72.8440, 75.3272,
70.3757

■ 35.6828, 38.6485,
65.2546

■ 81.8172, 84.1979,
71.6150

■ 30.8150, 33.3420,
64.4869

■ 84.8501, 90.2637,
72.6259

■ 26.7109, 28.6531,
63.7982

■ 88.0593, 96.6821,
73.6957

■ 23.3242, 24.5525,
63.1852

■ 88.3853, 97.3341,
73.8043

■ 20.6033, 21.0079,
62.6444

■ 18.4884, 17.9826,
62.1719

■ 16.9065, 15.4329,
61.7632

Harmonies

Analogous

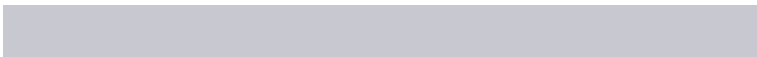
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.5857, 58.5309, 66.9309



55.2706, 58.5309, 68.0590



56.0587, 58.5309, 68.0080

Triad

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



55.2706, 58.5309, 68.0590



57.1061, 58.5309, 62.5188



54.5397, 58.5309, 60.7624

Complementary

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



55.2706, 58.5309, 68.0590



57.0968, 59.6358, 60.7269

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.



55.2072, 58.5309, 59.6357



55.2706, 58.5309, 68.0590



56.6913, 58.5309, 60.6332

Square

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



55.2706, 58.5309, 68.0590



57.1235, 58.5309, 64.7727



55.9947, 58.5309, 59.5890



54.1664, 58.5309, 62.6989

Rectangle

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



55.2706, 58.5309, 68.0590



56.5366, 58.5309, 67.3113



55.9947, 58.5309, 59.5890



54.7368, 58.5309, 60.2784

Sweetspot

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



55.2723, 58.5334, 68.0603



92.3909, 97.4302, 108.5441



55.9587, 61.1032, 64.5986



19.8033, 20.8811, 23.2367



0.0000, 0.0000, 0.0000



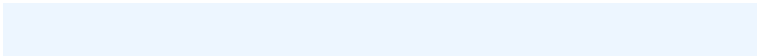
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2723, 58.5334, 68.0603



86.0053, 91.2106, 107.6802



53.9360, 55.8608, 67.6149



11.9630, 12.6932, 15.0632



10.2816, 9.2098, 38.4283



0.6542, 0.6737, 2.1751

Inverse Universe

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



56.4143, 57.1550, 63.9388



88.2145, 88.5740, 99.7004



58.4842, 62.4106, 61.1894



12.2911, 12.3031, 13.8777



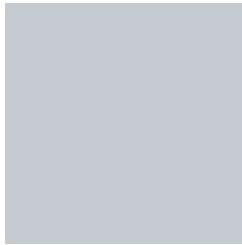
17.8204, 9.0010, 9.2264



1.0365, 0.5193, 0.7268

Previews

White Background



This preview shows how the XYZ color 55.2706, 58.5309, 68.0590 looks on a white background.

Color Contrast Check

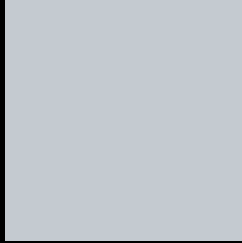
Large Text (above 18pt) WCAG AA × Fail

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 55.2706, 58.5309, 68.0590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

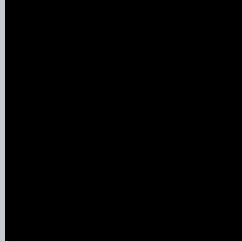
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

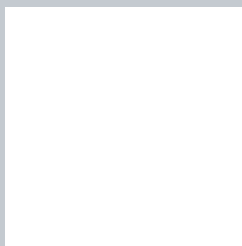
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2706, 58.5309, 68.0590

Background



This preview shows how black text looks on a background with the XYZ color 55.2706, 58.5309, 68.0590.

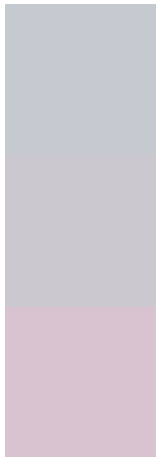


This preview shows how white text looks on a background with the XYZ color 55.2706, 58.5309,

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

55.2706, 58.5309, 68.0590

Protanopia

56.5454, 58.5101, 67.3448

Deuteranopia

59.6390, 58.3854, 68.4478



Tritanopia

56.4370, 58.6534, 73.9923

Trichromacy



Original Color

55.2706, 58.5309, 68.0590

Protanomaly

55.9685, 58.5576, 67.3844

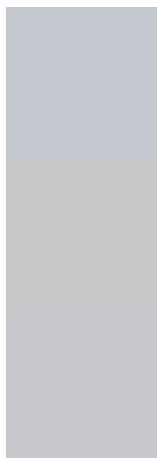
Deuteranomaly

57.9972, 58.5469, 68.5655

Tritanomaly

56.0502, 58.4986, 71.9555

Monochromacy



Original Color

55.2706, 58.5309, 68.0590

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3389, 58.2750, 65.4583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2706, 58.5309, 68.0590 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(196, 202, 208) looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 202, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.2706, 58.5309, 68.0590 is called "border". The border property can be set on classes, ids or directly on the HTML element.

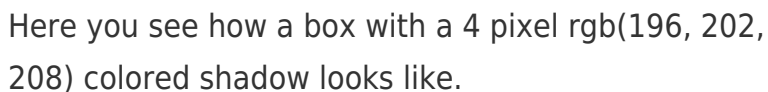
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 202, 208) }
```


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

```
.border{ border-color:rgb(196, 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(196, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 202, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 202, 208); box-shadow:4px 4px 4px 4px rgb(196, 202, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2706, 58.5309, 68.0590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 202, 208) }
```

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

```
.background{ background-color: rgb(196,  
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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