

Converting Colors

XYZ(55.1677, 58.8059, 66.1956)

Have a look what the booklet for
XYZ(55.1677, 58.8059, 66.1956)
contains.

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Color

**XYZ(55.1403, 58.8554,
66.2116)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CBCD
RGB	196, 203, 205
RGB Percent	77%, 80%, 80%
CMY	0.2314, 0.2039, 0.1961
CMYK	0.04, 0.01, 0.00, 0.20
HSL	193°, 8%, 79%
HSV	193°, 4%, 80%
XYZ	55.1403, 58.8554, 66.2116
YIQ	201.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

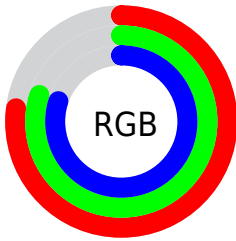
Format	Color
RYB	196, 200, 205
Decimal	12897229
CIELab	81.21, -2.01, -1.84
CIElCh	81, 2.720, 222.438
Yxy	58.8554, 0.3060, 0.3266
Android (android.graphics.Color)	4291087309 (0xFFC4CBCD)
YUV	201.1350, 1.9054, -4.5034
Hunter-Lab	76.7173, -5.9589, 2.5313

Details

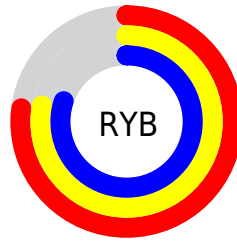
The XYZ color **55.1403, 58.8554, 66.2116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3348, 57.3522, 60.3790**, and the grayscale version is **55.5931, 58.4883, 63.6938**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **27.4887, 29.4800, 33.5196** is the 20% darker color. If you saturate the color by 10%, you get **49.1102, 54.1772, 65.6273**, and if you desaturate by 10%, it is **61.9339, 63.9772, 66.8430**.

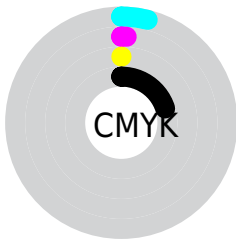
Distribution



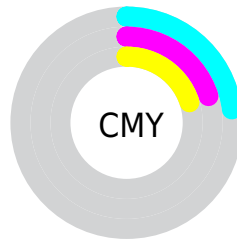
- Red (77%)
- Green (80%)
- Blue (80%)



- Red (77%)
- Yellow (78%)
- Blue (80%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (23%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1403, 58.8554, 66.2116 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 55.1403, 58.8554, 66.2116 by changing the saturation by 10% instead.

■ 55.1403, 58.8554,
66.2116

■ 55.1403, 58.8554,
66.2116

396.5713,
420.3658, 465.5581

■ 39.7483, 42.4967,
47.9866

96.8936, 103.1675,
115.4199

■ 27.5257, 29.4904,
33.4564

123.9857,
131.8897, 147.2403

■ 18.1071, 19.4521,
22.2023

155.7085,
165.5018, 184.4295

■ 11.1270, 11.9974,
13.8059

192.4274,
204.3883, 227.4062

■ 6.2203, 6.7419,
7.8486

234.5078,
248.9336, 276.5889

■ 3.0214, 3.3012,
3.9118

282.3150,

■ 1.1651, 1.2910,

299.5220, 332.3961

1.5771

336.2144,
356.5380, 395.2463

■ 0.0785, 0.1342,
0.2744

■ 0.0000, 0.0000,
0.0000

■ 55.1403, 58.8554,
66.2116

■ 55.1403, 58.8554,
66.2116

■ 49.1102, 54.1772,
65.6273

■ 61.9339, 63.9772,
66.8430

■ 43.8089, 49.9195,
65.0849

■ 69.5139, 69.5500,
67.5192

■ 39.2065, 46.0681,
64.5841

■ 76.9820, 75.1126,
68.1993

■ 35.2690, 42.6050,
64.1232

■ 78.1680, 77.4846,
68.5946

■ 31.9595, 39.5108,
63.7004

■ 79.3865, 79.9217,
69.0008

■ 29.2372, 36.7641,
63.3137

■ 80.6379, 82.4244,
69.4179

■ 27.0566, 34.3410,
62.9609

■ 81.9223, 84.9932,
69.8460

■ 25.3647, 32.2137,
62.6395

■ 83.2399, 87.6285,
70.2852

■ 24.0976, 30.3489,
62.3463

■ 84.5911, 90.3309,
70.7356

Harmonies

Analogous

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



54.8834, 58.8554, 64.7577



55.1403, 58.8554, 66.2116



55.6123, 58.8554, 67.1038

Triad

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



55.1403, 58.8554, 66.2116



56.9852, 58.8554, 65.0294



55.7060, 58.8554, 61.0854

Complementary

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



55.1403, 58.8554, 66.2116



55.3348, 57.3522, 60.3790

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.



56.2696, 58.8554, 61.1553



55.1403, 58.8554, 66.2116



57.0107, 58.8554, 63.4140

Square

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



55.1403, 58.8554, 66.2116



56.6785, 58.8554, 66.4133



56.7480, 58.8554, 62.0015



55.2085, 58.8554, 61.8089

Rectangle

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



55.1403, 58.8554, 66.2116



55.9866, 58.8554, 67.2509



56.7480, 58.8554, 62.0015



55.8940, 58.8554, 61.0172

Sweetspot

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



55.1420, 58.8579, 66.2129



93.9378, 99.1591, 108.7963



54.7844, 59.4742, 61.9889



20.1183, 21.2330, 23.2880



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.



55.1420, 58.8579, 66.2129



89.6181, 95.8700, 108.3891



54.1053, 56.7845, 65.8673



11.8285, 12.6776, 14.3940



14.7074, 18.4388, 38.7402



0.8122, 1.0582, 2.0164

Inverse Universe

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



55.6975, 56.7718, 64.5254



90.6645, 91.9523, 105.2080



56.3678, 59.4181, 60.7233



11.9829, 12.1012, 13.9244



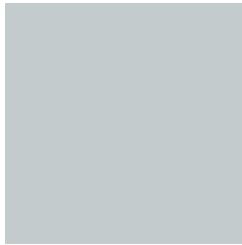
19.6345, 9.6644, 21.5919



1.0399, 0.5094, 1.2561

Previews

White Background



This preview shows how the XYZ color 55.1403, 58.8554, 66.2116 looks on a white background.

Color Contrast Check

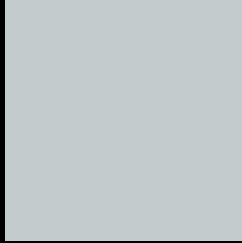
Large Text (above 18pt) WCAG AA × Fail

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 55.1403, 58.8554, 66.2116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

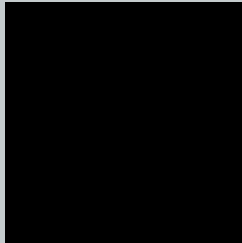
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

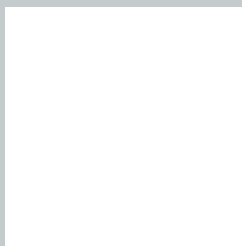
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.1403, 58.8554, 66.2116

Background



This preview shows how black text looks on a background with the XYZ color 55.1403, 58.8554, 66.2116.

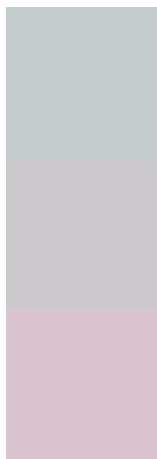


This preview shows how white text looks on a background with the XYZ color 55.1403, 58.8554,

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

55.1403, 58.8554, 66.2116

Protanopia

56.6876, 58.9703, 65.5214

Deuteranopia

59.9910, 58.5953, 67.1796



Tritanopia

56.6997, 58.7888, 74.0046

Trichromacy



Original Color

55.1403, 58.8554, 66.2116

Protanomaly

56.1070, 59.0182, 65.5612

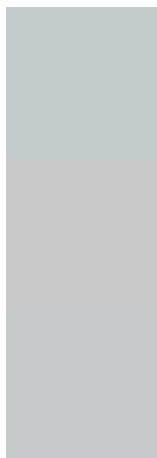
Deuteranomaly

58.1986, 58.6933, 66.6541

Tritanomaly

56.1567, 58.9155, 71.3628

Monochromacy



Original Color

55.1403, 58.8554, 66.2116

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3344, 58.6474, 64.2808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1403, 58.8554, 66.2116 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, 203, 205) looks like.

```
.text, #text, p{  
    color:rgb(196, 203, 205)  
}
```

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, 203, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 203, 205) }
```

Border

The CSS property to change the border of an element to XYZ 55.1403, 58.8554, 66.2116 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, 203, 205) }
```


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

```
.border{ border-color:rgb(196, 203, 205) }
```

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

Here you see how a box with a 4 pixel rgb(196, 203, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(196, 203,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1403, 58.8554, 66.2116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 203, 205) }
```

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

```
.background{ background-color: rgb(196,  
203, 205) }
```

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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