

Converting Colors

XYZ(55.2876, 58.4302, 65.5681)

Have a look what the booklet for
XYZ(55.2876, 58.4302, 65.5681)
contains.

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Color

**XYZ(55.3083, 58.6065,
65.5239)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CACC
RGB	198, 202, 204
RGB Percent	78%, 79%, 80%
CMY	0.2235, 0.2078, 0.2000
CMYK	0.03, 0.01, 0.00, 0.20
HSL	200°, 6%, 79%
HSV	200°, 3%, 80%
XYZ	55.3083, 58.6065, 65.5239
YIQ	201.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

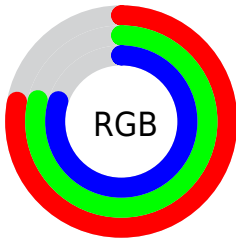
Format	Color
R _Y B	198, 200, 204
Decimal	13028044
CIE Lab	81.07, -0.99, -1.48
CIE LCh	81, 1.784, 236.210
Yxy	58.6065, 0.3082, 0.3266
Android (android.graphics.Color)	4291218124 (0xFFC6CACC)
YUV	201.0320, 1.4632, -2.6591
Hunter-Lab	76.5549, -5.0109, 2.8417

Details

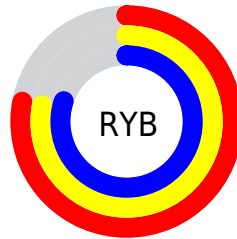
The XYZ color **55.3083, 58.6065, 65.5239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7492, 58.2224, 61.7266**, and the grayscale version is **55.5312, 58.4231, 63.6228**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.5965, 29.3111, 33.0573** is the 20% darker color. If you saturate the color by 10%, you get **48.7317, 52.9050, 64.7709**, and if you desaturate by 10%, it is **62.6826, 64.8265, 66.3367**.

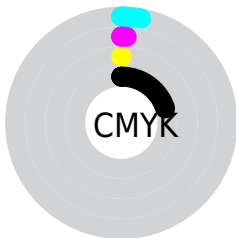
Distribution



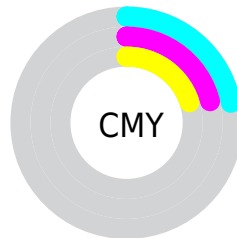
- Red (78%)
- Green (79%)
- Blue (80%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3083, 58.6065, 65.5239 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 55.3083, 58.6065, 65.5239 by changing the saturation by 10% instead.

■ 55.3083, 58.6065,
65.5239

■ 55.3083, 58.6065,
65.5239

397.1970,
419.4421, 463.0299

■ 39.8834, 42.2964,
47.4320

97.1382, 102.8055,
114.4232

■ 27.6315, 29.3335,
33.0205

124.2740,
131.4633, 146.0677

■ 18.1871, 19.3332,
21.8709

156.0440,
165.0057, 183.0667

■ 11.1849, 11.9113,
13.5647

192.8138,
203.8173, 225.8389

■ 6.2595, 6.6833,
7.6832

234.9486,
248.2823, 274.8028

■ 3.0457, 3.2648,
3.8081

282.8139,

■ 1.1780, 1.2715,

298.7852, 330.3769

1.5207

336.7749,
355.7103, 392.9798

■ 0.0889, 0.1190,
0.2332

■ 0.0000, 0.0000,
0.0000

■ 55.3083, 58.6065,
65.5239

■ 55.3083, 58.6065,
65.5239

■ 48.7317, 52.9050,
64.7709

■ 62.6826, 64.8265,
66.3367

■ 42.9181, 47.6979,
64.0723

■ 70.8776, 71.5733,
67.2070

■ 37.8376, 42.9701,
63.4275

■ 78.3587, 78.0586,
68.0645

■ 33.4564, 38.7028,
62.8347

■ 80.2021, 81.7454,
68.6790

■ 29.7377, 34.8756,
62.2920

■ 82.1190, 85.5792,
69.3180

■ 26.6413, 31.4663,
61.7971

■ 84.1102, 89.5615,
69.9817

■ 24.1221, 28.4503,
61.3477

■ 86.1764, 93.6940,
70.6704

■ 22.1285, 25.7994,
60.9411

■ 87.8993, 97.1397,
71.2447

■ 20.5985, 23.4801,
60.5741

Harmonies

Analogous

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



55.0668, 58.6065, 64.7182



55.3083, 58.6065, 65.5239



55.6566, 58.6065, 65.8709

Triad

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



55.3083, 58.6065, 65.5239



56.4179, 58.6065, 63.9475



55.3895, 58.6065, 61.9988

Complementary

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



55.3083, 58.6065, 65.5239



55.7492, 58.2224, 61.7266

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.



55.7508, 58.6065, 61.7975



55.3083, 58.6065, 65.5239



56.3456, 58.6065, 62.9153

Square

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



55.3083, 58.6065, 65.5239



56.2981, 58.6065, 64.9544



56.1010, 58.6065, 62.1312



55.1135, 58.6065, 62.6841

Rectangle

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



55.3083, 58.6065, 65.5239



55.9029, 58.6065, 65.7926



56.1010, 58.6065, 62.1312



55.5050, 58.6065, 61.8726

Sweetspot

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



55.3100, 58.6090, 65.5252



93.8480, 98.9794, 108.7664



55.2960, 59.3579, 63.1259



20.1000, 21.1964, 23.2819



0.0000, 0.0000, 0.0000



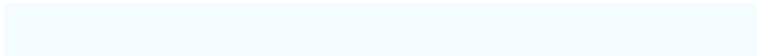
20.3446, 21.4041, 23.3091

Same Dimension

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



55.3100, 58.6090, 65.5252



90.3232, 95.9701, 108.3713



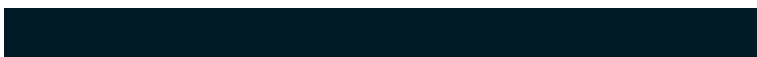
54.6350, 57.2591, 65.3002



11.9037, 12.6678, 14.3881



12.5006, 14.0251, 38.0045



0.7128, 0.8594, 1.9832

Inverse Universe

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



55.7579, 57.4908, 64.0382



91.3402, 93.4472, 104.9914



56.4281, 59.5802, 61.9529



12.0599, 12.2817, 13.8686



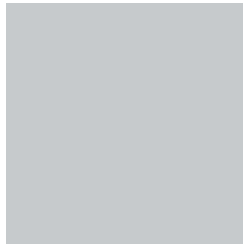
18.5206, 9.2188, 15.7261



0.9897, 0.4893, 0.9918

Previews

White Background



This preview shows how the XYZ color 55.3083, 58.6065, 65.5239 looks on a white background.

Color Contrast Check

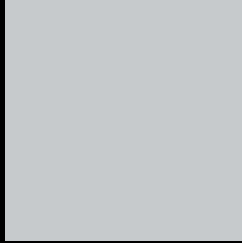
Large Text (above 18pt) WCAG AA × Fail

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 55.3083, 58.6065, 65.5239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

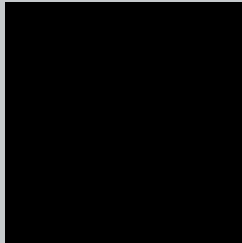
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

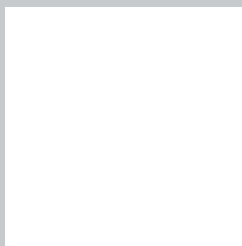
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.3083, 58.6065, 65.5239

Background



This preview shows how black text looks on a background with the XYZ color 55.3083, 58.6065, 65.5239.

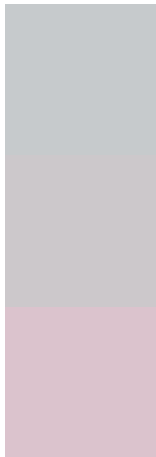


This preview shows how white text looks on a background with the XYZ color 55.3083, 58.6065,

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

55.3083, 58.6065, 65.5239

Protanopia

56.3356, 58.4577, 64.8142

Deuteranopia

59.7480, 58.4981, 65.8998



Tritanopia

56.8684, 58.5458, 73.2689

Trichromacy



Original Color

55.3083, 58.6065, 65.5239

Protanomaly

56.0233, 58.6416, 64.8661

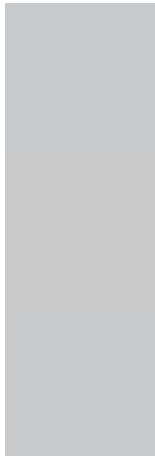
Deuteranomaly

58.0775, 58.6448, 66.0162

Tritanomaly

56.3235, 58.6689, 70.6430

Monochromacy



Original Color

55.3083, 58.6065, 65.5239

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3667, 58.3169, 64.2153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3083, 58.6065, 65.5239 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(198, 202, 204) looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 204)  
}
```

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(198, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.3083, 58.6065, 65.5239 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(198, 202, 204) }
```


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

```
.border{ border-color:rgb(198, 202, 204) }
```

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

Here you see how a box with a 4 pixel rgb(198, 202, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(198, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3083, 58.6065, 65.5239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 202, 204) }
```

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

```
.background{ background-color: rgb(198,  
202, 204) }
```

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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