

Converting Colors

XYZ(55.4074, 56.2450, 64.7891)

Have a look what the booklet for
XYZ(55.4074, 56.2450, 64.7891)
contains.

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Color

**XYZ(55.5910, 56.3690,
65.0771)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC3CC
RGB	205, 195, 204
RGB Percent	80%, 76%, 80%
CMY	0.1961, 0.2353, 0.2000
CMYK	0.00, 0.05, 0.00, 0.20
HSL	306°, 9%, 78%
HSV	306°, 5%, 80%
XYZ	55.5910, 56.3690, 65.0771
YIQ	199.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

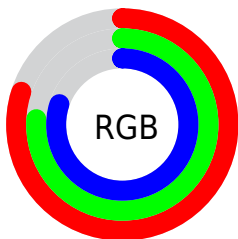
Format	Color
R _Y B	205, 195, 204
Decimal	13485004
CIE Lab	79.82, 5.11, -3.26
CIE LCh	80, 6.061, 327.504
Yxy	56.3690, 0.3140, 0.3184
Android (android.graphics.Color)	4291675084 (0xFFC3DC3C)
YUV	199.0160, 2.4571, 5.2480
Hunter-Lab	75.0793, 0.7781, 1.1642

Details

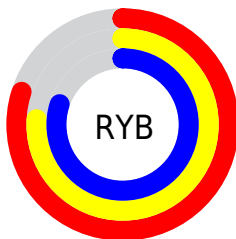
The XYZ color **55.5910, 56.3690, 65.0771** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3029, 59.2517, 60.8020**, and the grayscale version is **54.2814, 57.1082, 62.1909**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **27.7924, 27.8311, 32.7613** is the 20% darker color. If you saturate the color by 10%, you get **51.0658, 47.7088, 62.3640**, and if you desaturate by 10%, it is **60.7533, 66.2966, 68.0199**.

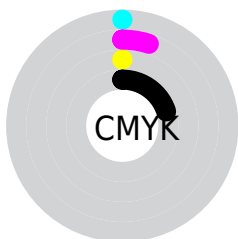
Distribution



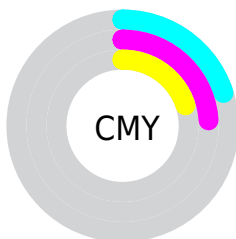
- Red (80%)
- Green (76%)
- Blue (80%)



- Red (80%)
- Yellow (76%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5910, 56.3690, 65.0771 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 55.5910, 56.3690, 65.0771 by changing the saturation by 10% instead.

■ 55.5910, 56.3690,
65.0771

■ 55.5910, 56.3690,
65.0771

398.2484,
411.0806, 461.3828

■ 40.1108, 40.4989,
47.0719

■ 97.5496, 99.5439,
113.7750

■ 27.8095, 27.9277,
32.7377

124.7587,
127.6174, 145.3048

■ 18.3219, 18.2712,
21.6561

156.6082,
160.5275, 182.1798

■ 11.2824, 11.1448,
13.4085

193.4634,
198.6586, 224.8187

■ 6.3258, 6.1643,
7.5764

235.6897,
242.3951, 273.6398

■ 3.0867, 2.9453,
3.7413

283.6523,

■ 1.1998, 1.1032,

292.1213, 329.0619

1.4845

337.7168,
348.2217, 391.5033

■ 0.1062, 0.0000,
0.2064

■ 0.0000, 0.0000,
0.0000

■ 55.5910, 56.3690,
65.0771

■ 55.5910, 56.3690,
65.0771

■ 51.0658, 47.7088,
62.3640

■ 60.7533, 66.2966,
68.0199

■ 47.1472, 40.2575,
59.8683

■ 66.5718, 77.5323,
71.1969

■ 43.8097, 33.9632,
57.5821

■ 72.5890, 89.1600,
74.4562

■ 41.0238, 28.7670,
55.4956

■ 72.8464, 89.2630,
75.8116

■ 38.7576, 24.6051,
53.5981

■ 73.1071, 89.3673,
77.1844

■ 36.9759, 21.4070,
51.8777

■ 73.3711, 89.4729,
78.5746

■ 35.6390, 19.0936,
50.3213

■ 73.6384, 89.5798,
79.9822

■ 34.7011, 17.5730,
48.9133

■ 73.9090, 89.6881,
81.4073

■ 34.1062, 16.7334,
47.6352

■ 74.1830, 89.7976,
82.8499

Harmonies

Analogous

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



54.6736, 56.3690, 67.5645



55.5910, 56.3690, 65.0771



55.9680, 56.3690, 61.6709

Triad

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



55.5910, 56.3690, 65.0771



53.6798, 56.3690, 54.8724



51.5122, 56.3690, 64.5487

Complementary

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



55.5910, 56.3690, 65.0771



54.3029, 59.2517, 60.8020

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.



51.2551, 56.3690, 61.0826



55.5910, 56.3690, 65.0771



52.4952, 56.3690, 55.5779

Square

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



55.5910, 56.3690, 65.0771



54.8541, 56.3690, 55.8537



51.6123, 56.3690, 57.8185



52.3199, 56.3690, 67.2514

Rectangle

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



55.5910, 56.3690, 65.0771



55.8580, 56.3690, 59.3670



51.6123, 56.3690, 57.8185



51.3591, 56.3690, 63.4303

Sweetspot

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



55.5926, 56.3714, 65.0783



94.2009, 98.3674, 108.4145



53.3019, 55.1766, 65.5992



20.1718, 21.0719, 23.2103



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.



55.5926, 56.3714, 65.0783



90.1164, 90.5255, 106.0449



55.0026, 56.1354, 61.9712



11.9221, 11.9292, 14.0597



21.1121, 10.2554, 29.3727



1.1035, 0.5348, 1.5907

Inverse Universe

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



55.5926, 56.3714, 65.0783



90.1164, 90.5255, 106.0449



54.8815, 59.4831, 63.8488



11.9221, 11.9292, 14.0597



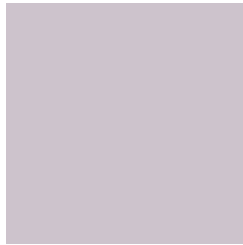
21.1121, 10.2554, 29.3727



1.1035, 0.5348, 1.5907

Previews

White Background



This preview shows how the XYZ color 55.5910, 56.3690, 65.0771 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 55.5910, 56.3690, 65.0771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

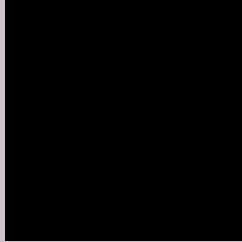
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

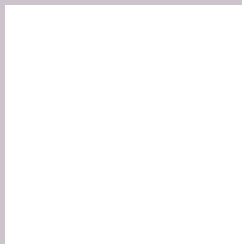
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5910, 56.3690, 65.0771

Background



This preview shows how black text looks on a background with the XYZ color 55.5910, 56.3690, 65.0771.



This preview shows how white text looks on a background with the XYZ color 55.5910, 56.3690,

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

55.5910, 56.3690, 65.0771

Protanopia

54.5389, 56.4824, 65.7853

Deuteranopia

57.6006, 56.4032, 65.6086



Tritanopia

56.2540, 56.3088, 68.2254

Trichromacy



Original Color

55.5910, 56.3690, 65.0771

Protanomaly

54.8468, 56.3051, 65.7349

Deuteranomaly

56.9534, 56.3966, 65.6415

Tritanomaly

56.0079, 56.2104, 66.9292

Monochromacy



Original Color

55.5910, 56.3690, 65.0771

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.8241, 57.0227, 63.3753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5910, 56.3690, 65.0771 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(205, 195, 204) looks like.

```
.text, #text, p{  
    color:rgb(205, 195, 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(205, 195, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 195, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.5910, 56.3690, 65.0771 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(205, 195, 204) }
```


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

```
.border{ border-color:rgb(205, 195, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 195, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 195, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 195, 204); box-shadow:4px 4px 4px 4px rgb(205, 195, 204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5910, 56.3690, 65.0771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 195, 204) }
```

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

```
.background{ background-color: rgb(205,  
195, 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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