

Converting Colors

XYZ(55.8677, 60.5403, 66.0939)

Have a look what the booklet for
XYZ(55.8677, 60.5403, 66.0939)
contains.

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Color

**XYZ(55.9769, 60.7210,
65.8968)**

Conversions

Conversions Part 1

Format	Color
Hex	C4CFCC
RGB	196, 207, 204
RGB Percent	77%, 81%, 80%
CMY	0.2314, 0.1882, 0.2000
CMYK	0.05, 0.00, 0.01, 0.19
HSL	164°, 10%, 79%
HSV	164°, 5%, 81%
XYZ	55.9769, 60.7210, 65.8968
YIQ	203.3690, -5.5930, -3.2650

Conversions

Conversions Part 2

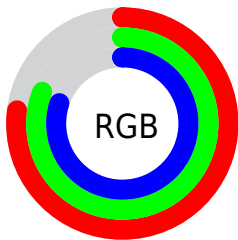
Format	Color
R _Y B	196, 202, 207
Decimal	12898252
CIE Lab	82.23, -4.29, 0.19
CIE LCh	82, 4.294, 177.512
Yxy	60.7210, 0.3066, 0.3325
Android (android.graphics.Color)	4291088332 (0xFFC4CFCC)
YUV	203.3690, 0.3111, -6.4626
Hunter-Lab	77.9237, -8.1400, 4.4075

Details

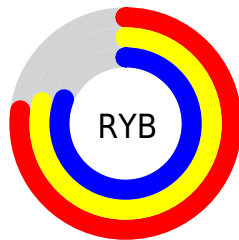
The XYZ color **55.9769, 60.7210, 65.8968** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7831, 56.8705, 62.0728**, and the grayscale version is **56.9987, 59.9671, 65.3042**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.0516, 30.7353, 33.3082** is the 20% darker color. If you saturate the color by 10%, you get **50.2945, 57.8702, 62.1582**, and if you desaturate by 10%, it is **62.4302, 63.9698, 69.8023**.

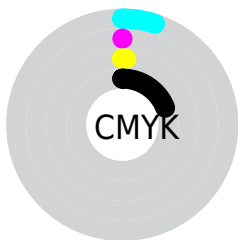
Distribution



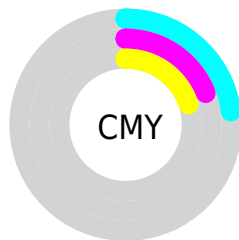
- Red (77%)
- Green (81%)
- Blue (80%)



- Red (77%)
- Yellow (79%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)



- Cyan (23%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9769, 60.7210, 65.8968 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 55.9769, 60.7210, 65.8968 by changing the saturation by 10% instead.

■ 55.9769, 60.7210,
65.8968

■ 55.9769, 60.7210,
65.8968

399.6809,
427.2503, 464.4018

■ 40.4213, 44.0000,
47.7327

98.1108, 105.8749,
114.9638

■ 28.0529, 30.6705,
33.2568

125.4199,
135.0766, 146.7037

■ 18.5062, 20.3481,
22.0505

157.3774,
169.2073, 183.8060

■ 11.4159, 12.6483,
13.6953

194.3489,
208.6514, 226.6893

■ 6.4166, 7.1868,
7.7727

236.6996,
253.7934, 275.7719

■ 3.1431, 3.5792,
3.8642

284.7950,

■ 1.2299, 1.4411,

305.0176, 331.4725

1.5511

339.0003,
362.7085, 394.2097

■ 0.1298, 0.2467,
0.2556

■ 0.0000, 0.0000,
0.0000

■ 55.9769, 60.7210,
65.8968

■ 55.9769, 60.7210,
65.8968

■ 50.2945, 57.8702,
62.1582

■ 62.4302, 63.9698,
69.8023

■ 45.3474, 55.3940,
58.5798


■ 69.6781, 67.6236,
73.8734


■ 41.1048, 53.2781,
55.1600


■ 76.5986, 71.1057,
78.0602


■ 37.5315, 51.5046,
51.8958


■ 77.3641, 71.4119,
82.0911

 34.5896, 50.0538,
48.7840


 78.1551, 71.7284,
86.2568


 32.2368, 48.9040,
45.8212

 78.9720, 72.0551,
90.5585


 30.4259, 48.0309,
43.0037

 79.8150, 72.3923,
94.9973

 29.1019, 47.4063,
40.3274

 80.6842, 72.7400,
99.5746

 28.1977, 46.9954,
37.7878

 81.5799, 73.0983,
104.2915

Harmonies

Analogous

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



56.2450, 60.7210, 63.4503



55.9769, 60.7210, 65.8968



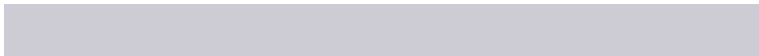
56.1701, 60.7210, 68.4652

Triad

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



55.9769, 60.7210, 65.8968



58.5284, 60.7210, 70.6761



58.6618, 60.7210, 61.9630

Complementary

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



55.9769, 60.7210, 65.8968



55.7831, 56.8705, 62.0728

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.



59.2849, 60.7210, 63.8189



55.9769, 60.7210, 65.8968



59.2074, 60.7210, 68.8529

Square

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



55.9769, 60.7210, 65.8968



57.6373, 60.7210, 71.2674



59.4856, 60.7210, 66.3334



57.7897, 60.7210, 61.2168

Rectangle

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



55.9769, 60.7210, 65.8968



56.5356, 60.7210, 69.8931



59.4856, 60.7210, 66.3334



58.9077, 60.7210, 62.4753

Sweetspot

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



55.9786, 60.7236, 65.8981



92.9752, 98.9562, 107.6373



55.8628, 60.7719, 61.0115



19.9223, 21.1916, 23.0521



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.



55.9786, 60.7236, 65.8981



88.9783, 96.9467, 105.1444



55.7691, 59.7226, 67.6227



12.3861, 13.5362, 14.6744



17.5936, 29.5304, 23.3037



1.0161, 1.6641, 1.4736

Inverse Universe

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



55.7831, 56.8705, 62.0728



88.6221, 89.9278, 98.1761



55.9798, 57.8164, 60.4349



12.3322, 12.4736, 13.6195



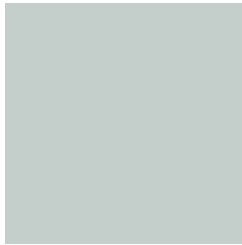
16.7043, 8.5545, 3.3489



0.9677, 0.4918, 0.3647

Previews

White Background



This preview shows how the XYZ color 55.9769, 60.7210, 65.8968 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 55.9769, 60.7210, 65.8968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

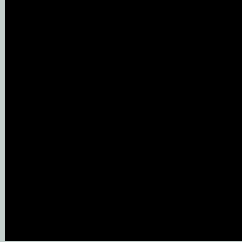
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

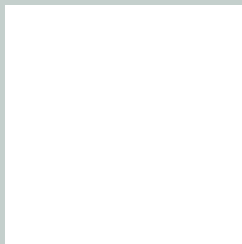
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9769, 60.7210, 65.8968

Background



This preview shows how black text looks on a background with the XYZ color 55.9769, 60.7210, 65.8968.



This preview shows how white text looks on a background with the XYZ color 55.9769, 60.7210,

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

55.9769, 60.7210, 65.8968

Protanopia

58.0290, 60.3860, 64.4743

Deuteranopia

61.7661, 60.5324, 66.8210



Tritanopia

58.1972, 60.5483, 77.0263

Trichromacy



Original Color

55.9769, 60.7210, 65.8968

Protanomaly

57.2742, 60.3349, 65.1270

Deuteranomaly

59.3467, 60.3272, 66.2740

Tritanomaly

57.3858, 60.5747, 72.9575

Monochromacy



Original Color

55.9769, 60.7210, 65.8968

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1918, 59.7769, 65.0764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9769, 60.7210, 65.8968 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, 207, 204) looks like.

```
.text, #text, p{  
    color:rgb(196, 207, 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(196, 207, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 207, 204) }
```

Border

The CSS property to change the border of an element to XYZ 55.9769, 60.7210, 65.8968 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, 207, 204) }
```


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

```
.border{ border-color:rgb(196, 207, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 207, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 207, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 207, 204);  
box-shadow:4px 4px 4px 4px rgb(196, 207,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9769, 60.7210, 65.8968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 207, 204) }
```

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

```
.background{ background-color: rgb(196,  
207, 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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