

Converting Colors

XYZ(55.7437, 60.4678, 68.4169)

Have a look what the booklet for
XYZ(55.7437, 60.4678, 68.4169)
contains.

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Color

**XYZ(55.6903, 60.5172,
68.4203)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CFD0
RGB	193, 207, 208
RGB Percent	76%, 81%, 82%
CMY	0.2431, 0.1882, 0.1843
CMYK	0.07, 0.00, 0.00, 0.18
HSL	184°, 14%, 79%
HSV	184°, 7%, 82%
XYZ	55.6903, 60.5172, 68.4203
YIQ	202.9280, -8.6650, -2.6570

Conversions

Conversions Part 2

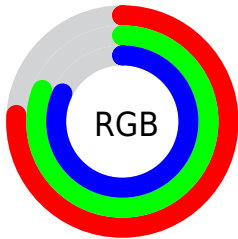
Format	Color
R _Y B	193, 200, 208
Decimal	12701648
CIE Lab	82.12, -4.53, -2.14
CIE LCh	82, 5.010, 205.232
Yxy	60.5172, 0.3016, 0.3278
Android (android.graphics.Color)	4290891728 (0xFFC1CFD0)
YUV	202.9280, 2.5005, -8.7069
Hunter-Lab	77.7928, -8.3528, 2.3082

Details

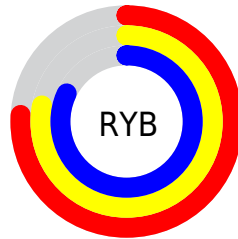
The XYZ color **55.6903, 60.5172, 68.4203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9300, 55.8432, 58.3367**, and the grayscale version is **56.7097, 59.6630, 64.9730**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **27.8714, 30.6045, 35.0101** is the 20% darker color. If you saturate the color by 10%, you get **50.4234, 57.3088, 68.0795**, and if you desaturate by 10%, it is **61.7094, 64.1211, 68.7996**.

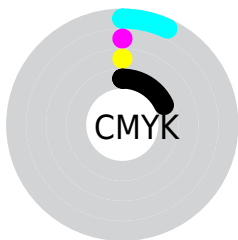
Distribution



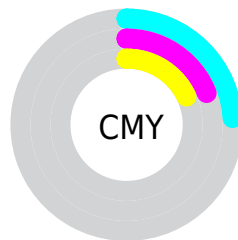
- Red (76%)
- Green (81%)
- Blue (82%)



- Red (76%)
- Yellow (78%)
- Blue (82%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6903, 60.5172, 68.4203 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 55.6903, 60.5172, 68.4203 by changing the saturation by 10% instead.

■ 55.6903, 60.5172,
68.4203

■ 55.6903, 60.5172,
68.4203

398.6173,
426.5015, 473.6222

■ 40.1907, 43.8356,
49.7709

■ 97.6941, 105.5796,
118.6131

■ 27.8721, 30.5413,
34.8615

124.9289,
134.7292, 150.9936

■ 18.3693, 20.2498,
23.2735

156.8063,
168.8036, 188.7882

■ 11.3167, 12.5768,
14.5884

193.6914,
208.1872, 232.4155

■ 6.3491, 7.1378,
8.3876

235.9497,
253.2644, 282.2940

■ 3.1012, 3.5484,
4.2527

283.9466,

■ 1.2075, 1.4243,

304.4196, 338.8423

1.7650

338.0473,
362.0372, 402.4788

■ 0.1123, 0.2345,
0.4047

■ 0.0000, 0.0000,
0.0000

■ 55.6903, 60.5172,
68.4203

■ 55.6903, 60.5172,
68.4203

■ 50.4234, 57.3088,
68.0795

■ 61.7094, 64.1211,
68.7996

■ 45.8726, 54.4721,
67.7719

■ 68.5045, 68.1278,
69.2148

■ 42.0063, 51.9927,
67.4971

■ 75.9571, 72.4777,
69.6617

■ 38.7889, 49.8522,
67.2535

■ 76.3023, 73.1681,
69.7767

■ 36.1814, 48.0303,
67.0393

■ 76.6504, 73.8643,
69.8928

■ 34.1406, 46.5049,
66.8524

■ 77.0015, 74.5665,
70.0098

■ 32.6175, 45.2507,
66.6906

■ 77.3556, 75.2746,
70.1278

■ 31.5551, 44.2383,
66.5511

■ 77.7126, 75.9887,
70.2468

■ 30.8760, 43.4277,
66.4305

■ 78.0727, 76.7088,
70.3668

Harmonies

Analogous

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



55.5065, 60.5172, 65.4075



55.6903, 60.5172, 68.4203



56.3619, 60.5172, 70.8203

Triad

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



55.6903, 60.5172, 68.4203



59.2155, 60.5172, 69.2883



57.6899, 60.5172, 60.2291

Complementary

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



55.6903, 60.5172, 68.4203



54.9300, 55.8432, 58.3367

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.



58.6934, 60.5172, 61.1996



55.6903, 60.5172, 68.4203



59.5811, 60.5172, 66.3808

Square

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



55.6903, 60.5172, 68.4203



58.3956, 60.5172, 71.3322



59.3889, 60.5172, 63.4286



56.6527, 60.5172, 60.7375

Rectangle

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



55.6903, 60.5172, 68.4203



57.0002, 60.5172, 71.7178



59.3889, 60.5172, 63.4286



58.0425, 60.5172, 60.3923

Sweetspot

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



55.6920, 60.5198, 68.4216



93.0905, 98.8295, 108.7773



54.2586, 60.3340, 59.6786



19.9457, 21.1659, 23.2841



0.0000, 0.0000, 0.0000



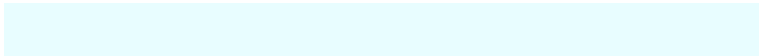
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6920, 60.5198, 68.4216



86.6204, 94.9351, 108.3667



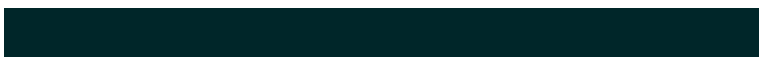
53.9748, 57.0853, 67.8492



12.0883, 13.2669, 15.1673



19.1727, 26.9920, 41.3920



1.0927, 1.5506, 2.3213

Inverse Universe

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



56.3462, 56.0559, 66.8847



87.9161, 86.1235, 105.3156



56.5840, 59.1511, 58.8880



12.2755, 11.9949, 14.7265



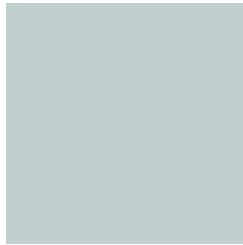
22.3082, 10.7961, 32.8589



1.2578, 0.6078, 1.8923

Previews

White Background



This preview shows how the XYZ color 55.6903, 60.5172, 68.4203 looks on a white background.

Color Contrast Check

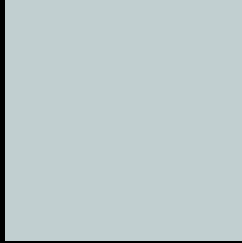
Large Text (above 18pt) WCAG AA × Fail

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 55.6903, 60.5172, 68.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

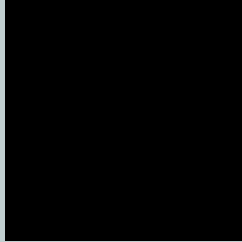
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

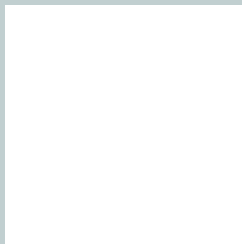
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.6903, 60.5172, 68.4203

Background



This preview shows how black text looks on a background with the XYZ color 55.6903, 60.5172, 68.4203.

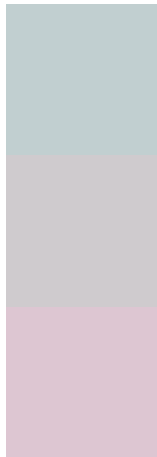


This preview shows how white text looks on a background with the XYZ color 55.6903, 60.5172,

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

55.6903, 60.5172, 68.4203

Protanopia

58.2286, 60.4335, 66.9884

Deuteranopia

61.6457, 60.4135, 69.3847



Tritanopia

57.3881, 60.4852, 77.0567

Trichromacy



Original Color

55.6903, 60.5172, 68.4203

Protanomaly

57.2125, 60.2473, 67.6450

Deuteranomaly

59.2592, 60.2256, 68.8230

Tritanomaly

56.7141, 60.5698, 73.6677

Monochromacy



Original Color

55.6903, 60.5172, 68.4203

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1655, 59.7356, 66.3275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6903, 60.5172, 68.4203 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(193, 207, 208) looks like.

```
.text, #text, p{  
    color:rgb(193, 207, 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(193, 207, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 207, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.6903, 60.5172, 68.4203 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(193, 207, 208) }
```


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

```
.border{ border-color:rgb(193, 207, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 207, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 207, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 207, 208);  
box-shadow:4px 4px 4px 4px rgb(193, 207,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6903, 60.5172, 68.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 207, 208) }
```

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

```
.background{ background-color: rgb(193,  
207, 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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