

Converting Colors

XYZ(54.9389, 58.3318, 68.2160)

Have a look what the booklet for
XYZ(54.9389, 58.3318, 68.2160)
contains.

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Color

**XYZ(55.0114, 58.3972,
68.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CAD0
RGB	195, 202, 208
RGB Percent	76%, 79%, 82%
CMY	0.2353, 0.2078, 0.1843
CMYK	0.06, 0.03, 0.00, 0.18
HSL	208°, 12%, 79%
HSV	208°, 6%, 82%
XYZ	55.0114, 58.3972, 68.0469
YIQ	200.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

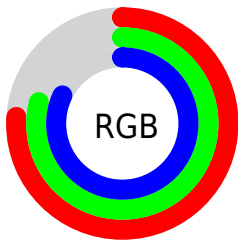
Format	Color
R _Y B	195, 200, 208
Decimal	12831440
CIE Lab	80.96, -1.24, -3.82
CIE LCh	81, 4.019, 252.000
Yxy	58.3972, 0.3032, 0.3218
Android (android.graphics.Color)	4291021520 (0xFFC3CAD0)
YUV	200.5910, 3.6526, -4.9033
Hunter-Lab	76.4181, -5.2340, 0.6975

Details

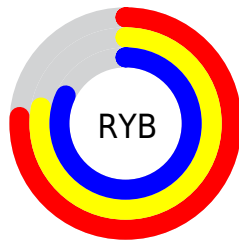
The XYZ color **55.0114, 58.3972, 68.0469** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7497, 59.1230, 60.0517**, and the grayscale version is **55.2465, 58.1236, 63.2966**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **27.4071, 29.1756, 34.7588** is the 20% darker color. If you saturate the color by 10%, you get **47.8255, 51.4552, 67.0866**, and if you desaturate by 10%, it is **63.0893, 66.0101, 69.0915**.

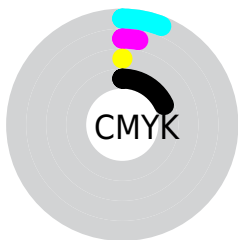
Distribution



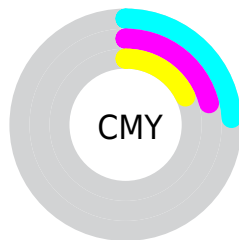
- Red (76%)
- Green (79%)
- Blue (82%)



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



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (24%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.0114, 58.3972, 68.0469 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 55.0114, 58.3972, 68.0469 by changing the saturation by 10% instead.

■ 55.0114, 58.3972,
68.0469

■ 55.0114, 58.3972,
68.0469

396.0909,
418.6644, 472.2647

■ 39.6447, 42.1281,
49.4690

96.7059, 102.5010,
118.0741

■ 27.4446, 29.2016,
34.6234

123.7644,
131.1045, 150.3604

■ 18.0457, 19.2334,
23.0917

155.4509,
164.5883, 188.0533

■ 11.0827, 11.8390,
14.4553

192.1308,
203.3366, 231.5712

■ 6.1902, 6.6342,
8.2957

234.1694,
247.7340, 281.3328

■ 3.0028, 3.2344,
4.1942

281.9320,

■ 1.1553, 1.2553,

298.1649, 337.7566

1.7325

335.7840,
355.0135, 401.2610

■ 0.0706, 0.1062,
0.3829

■ 0.0000, 0.0000,
0.0000

■ 55.0114, 58.3972,
68.0469

■ 55.0114, 58.3972,
68.0469

■ 47.8255, 51.4552,
67.0866

■ 63.0893, 66.0101,
69.0915

■ 41.4932, 45.1558,
66.2044

■ 72.0857, 74.3063,
70.2186

■ 35.9809, 39.4793,
65.3993

■ 81.1427, 82.8488,
71.3902

■ 31.2503, 34.4021,
64.6686

■ 83.8992, 88.3618,
72.3090

■ 27.2600, 29.8987,
64.0097

■ 86.8051, 94.1737,
73.2776

■ 23.9645, 25.9415,
63.4196

■ 88.3853, 97.3341,
73.8044

■ 21.3126, 22.4996,
62.8950

■ 19.2451, 19.5381,
62.4323

■ 17.6877, 17.0139,
62.0272

Harmonies

Analogous

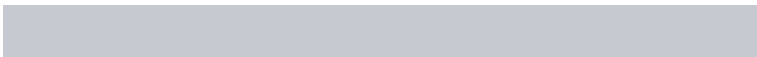
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.3232, 58.3972, 66.7031



55.0114, 58.3972, 68.0469



55.8384, 58.3972, 68.1770

Triad

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



55.0114, 58.3972, 68.0469



57.0860, 58.3972, 62.6358



54.4401, 58.3972, 60.2369

Complementary

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



55.0114, 58.3972, 68.0469



56.7497, 59.1230, 60.0517

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.



55.1725, 58.3972, 59.2033



55.0114, 58.3972, 68.0469



56.7034, 58.3972, 60.5649

Square

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



55.0114, 58.3972, 68.0469



57.0418, 58.3972, 65.0124



56.0011, 58.3972, 59.3218



53.9957, 58.3972, 62.1779

Rectangle

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



55.0114, 58.3972, 68.0469



56.3577, 58.3972, 67.5538



56.0011, 58.3972, 59.3218



54.6605, 58.3972, 59.7740

Sweetspot

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



55.0131, 58.3997, 68.0482



92.4526, 97.5536, 108.5647



55.5875, 60.9249, 63.9968



19.8159, 20.9062, 23.2408



0.0000, 0.0000, 0.0000



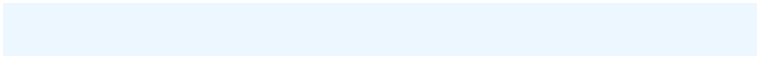
20.3446, 21.4041, 23.3091

Same Dimension

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



55.0131, 58.3997, 68.0482



86.2143, 91.6286, 107.7499



53.5530, 55.4794, 67.5615



11.9940, 12.7552, 15.0735



10.8081, 10.2627, 38.6038



0.6833, 0.7317, 2.1848

Inverse Universe

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



56.1895, 56.7056, 63.8637



88.3200, 88.6162, 100.2558



58.2614, 62.1464, 60.5556



12.3067, 12.3094, 13.9601



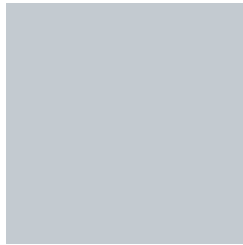
18.0861, 9.1073, 10.6257



1.0511, 0.5252, 0.8039

Previews

White Background



This preview shows how the XYZ color 55.0114, 58.3972, 68.0469 looks on a white background.

Color Contrast Check

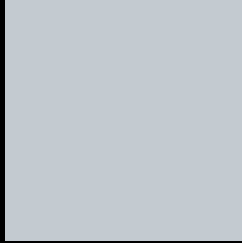
Large Text (above 18pt) WCAG AA × Fail

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 55.0114, 58.3972, 68.0469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

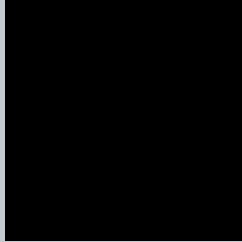
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

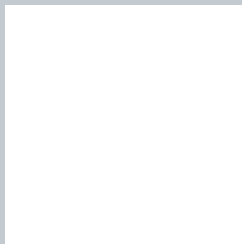
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.0114, 58.3972, 68.0469

Background



This preview shows how black text looks on a background with the XYZ color 55.0114, 58.3972, 68.0469.

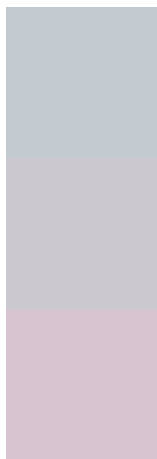


This preview shows how white text looks on a background with the XYZ color 55.0114, 58.3972,

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

55.0114, 58.3972, 68.0469

Protanopia

56.5454, 58.5101, 67.3448

Deuteranopia

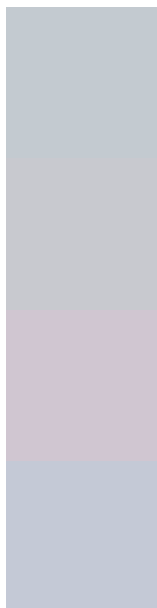
59.3426, 58.2326, 68.4339



Tritanopia

56.1760, 58.5188, 73.9801

Trichromacy



Original Color

55.0114, 58.3972, 68.0469

Protanomaly

55.9685, 58.5576, 67.3844

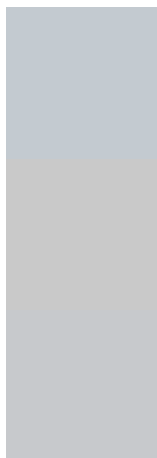
Deuteranomaly

57.7151, 58.4015, 68.5523

Tritanomaly

55.7892, 58.3641, 71.9433

Monochromacy



Original Color

55.0114, 58.3972, 68.0469

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.3389, 58.2750, 65.4583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0114, 58.3972, 68.0469 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(195, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(195, 202, 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(195, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 202, 208) }
```

Border

The CSS property to change the border of an element to XYZ 55.0114, 58.3972, 68.0469 is called "border". The border property can be set on classes, ids or directly on the HTML element.

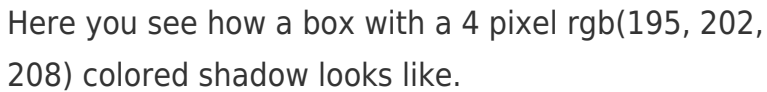
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 202, 208) }
```


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

```
.border{ border-color:rgb(195, 202, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 202, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 202, 208); box-shadow:4px 4px 4px 4px rgb(195, 202, 208) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0114, 58.3972, 68.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 202, 208) }
```

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

```
.background{ background-color: rgb(195,  
202, 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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