

Converting Colors

XYZ(52.2265, 55.9234, 68.4282)

Have a look what the booklet for
XYZ(52.2265, 55.9234, 68.4282)
contains.

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Color

**XYZ(52.1817, 55.8894,
68.3591)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC7D1
RGB	186, 199, 209
RGB Percent	73%, 78%, 82%
CMY	0.2706, 0.2196, 0.1804
CMYK	0.11, 0.05, 0.00, 0.18
HSL	206°, 20%, 77%
HSV	206°, 11%, 82%
XYZ	52.1817, 55.8894, 68.3591
YIQ	196.2530, -10.9580, 0.3540

Conversions

Conversions Part 2

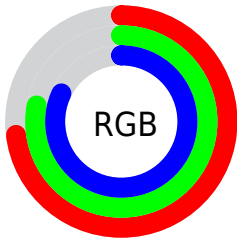
Format	Color
RYB	186, 194, 209
Decimal	12240849
CIELab	79.55, -2.44, -6.51
CIELCh	80, 6.955, 249.439
Yxy	55.8894, 0.2958, 0.3168
Android (android.graphics.Color)	4290430929 (0xFFBAC7D1)
YUV	196.2530, 6.2843, -8.9919
Hunter-Lab	74.7592, -6.2362, -1.8828

Details

The XYZ color **52.1817, 55.8894, 68.3591** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8976, 56.5799, 54.4828**, and the grayscale version is **52.5906, 55.3295, 60.2538**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **25.7147, 27.6039, 34.9831** is the 20% darker color. If you saturate the color by 10%, you get **45.4431, 49.4061, 67.4637**, and if you desaturate by 10%, it is **59.7910, 63.0098, 69.3333**.

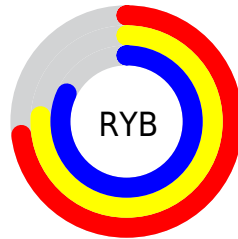
Distribution



Red (73%)

Green (78%)

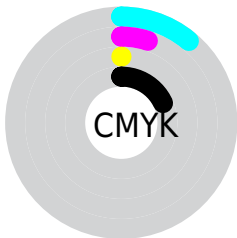
Blue (82%)



Red (73%)

Yellow (76%)

Blue (82%)

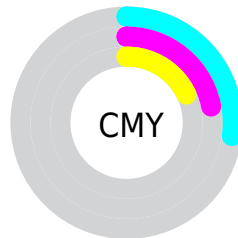


Cyan (11%)

Magenta (5%)

Yellow (0%)

Black (18%)



Cyan (27%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1817, 55.8894, 68.3591 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 52.1817, 55.8894, 68.3591 by changing the saturation by 10% instead.

■ 52.1817, 55.8894,
68.3591

■ 52.1817, 55.8894,
68.3591

385.4501,
409.2746, 473.3998

■ 37.3748, 40.1143,
49.7214

■ 92.5718, 98.8429,
118.5248

■ 25.6728, 27.6276,
34.8225

118.8857,
126.7899, 150.8899

■ 16.7104, 18.0452,
23.2437

149.7659,
159.5631, 188.6678

■ 10.1223, 10.9824,
14.5666

185.5779,
197.5468, 232.2772

■ 5.5430, 6.0550,
8.3725

226.6870,
241.1254, 282.1366

■ 2.6072, 2.8786,
4.2431

273.4584,

■ 0.9496, 1.0687,

290.6833, 338.6644

1.7596

326.2577,
346.6049, 402.2794

■ 0.0000, 0.0000,
0.4011

■ 0.0000, 0.0000,
0.0000

■ 52.1817, 55.8894,
68.3591

■ 52.1817, 55.8894,
68.3591

■ 45.4431, 49.4061,
67.4637

■ 59.7910, 63.0098,
69.3333

■ 39.5361, 43.5321,
66.6413

■ 68.2983, 70.7800,
70.3847

■ 34.4257, 38.2474,
65.8906

■ 77.7359, 79.2212,
71.5166

■ 30.0721, 33.5283,
65.2091

■ 82.5550, 85.4759,
72.4699

■ 26.4322, 29.3490,
64.5943

■ 85.2277, 90.8214,
73.3608

■ 23.4578, 25.6810,
64.0431

■ 88.0353, 96.4365,
74.2967

■ 21.0942, 22.4926,
63.5522

■ 88.5088, 97.3835,
74.4545

■ 19.2767, 19.7464,
63.1180

■ 18.0060, 17.5979,
62.7702

Harmonies

Analogous

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



51.0699, 55.8894, 65.8825



52.1817, 55.8894, 68.3591



53.5638, 55.8894, 68.7777

Triad

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



52.1817, 55.8894, 68.3591



55.8203, 55.8894, 59.5988



51.4299, 55.8894, 55.0939

Complementary

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



52.1817, 55.8894, 68.3591



54.8976, 56.5799, 54.4828

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.



52.6811, 55.8894, 53.5636



52.1817, 55.8894, 68.3591



55.2267, 55.8894, 56.0882

Square

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



52.1817, 55.8894, 68.3591



55.6809, 55.8894, 63.6011



54.0719, 55.8894, 53.9195



50.6412, 55.8894, 58.1873

Rectangle

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



52.1817, 55.8894, 68.3591



54.4549, 55.8894, 67.8157



54.0719, 55.8894, 53.9195



51.8095, 55.8894, 54.3860

Sweetspot

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



52.1833, 55.8917, 68.3603



91.2397, 96.4747, 108.4204



53.0111, 60.0250, 60.9975



19.3158, 20.4513, 23.1794



0.0000, 0.0000, 0.0000



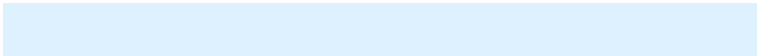
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1833, 55.8917, 68.3603



79.4627, 85.3949, 106.9025



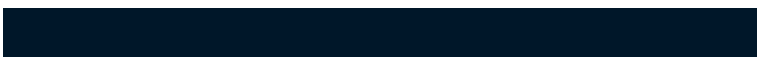
49.6429, 50.8108, 67.5135



11.7103, 12.5108, 15.0413



11.2015, 11.0495, 38.7349



0.7045, 0.7741, 2.1919

Inverse Universe

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



54.1634, 52.7977, 61.3718



83.1376, 79.7494, 93.9108



57.5844, 61.9536, 55.3784



12.0847, 11.9186, 13.7216



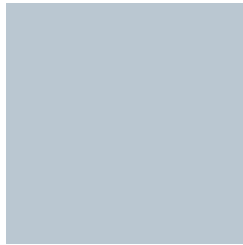
18.2847, 9.1867, 11.6714



1.0618, 0.5294, 0.8603

Previews

White Background



This preview shows how the XYZ color 52.1817, 55.8894, 68.3591 looks on a white background.

Color Contrast Check

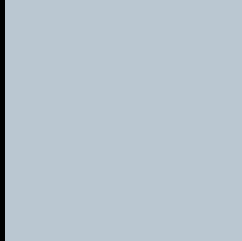
Large Text (above 18pt) WCAG AA × Fail

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 52.1817, 55.8894, 68.3591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

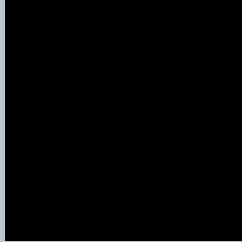
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

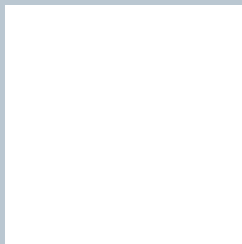
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1817, 55.8894, 68.3591

Background



This preview shows how black text looks on a background with the XYZ color 52.1817, 55.8894, 68.3591.

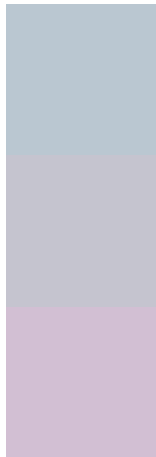


This preview shows how white text looks on a background with the XYZ color 52.1817, 55.8894,

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

52.1817, 55.8894, 68.3591

Protanopia

54.0284, 55.8552, 66.9650

Deuteranopia

56.9670, 55.6664, 69.3702



Tritanopia

52.8252, 55.8080, 71.6062

Trichromacy



Original Color

52.1817, 55.8894, 68.3591

Protanomaly

53.3437, 55.8240, 67.6381

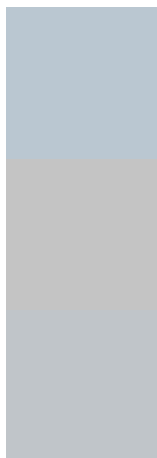
Deuteranomaly

55.0120, 55.6542, 68.8157

Tritanomaly

52.5713, 55.7064, 70.2690

Monochromacy



Original Color

52.1817, 55.8894, 68.3591

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.2471, 55.3560, 63.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1817, 55.8894, 68.3591 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(186, 199, 209) looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 209)  
}
```

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(186, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 209) }
```

Border

The CSS property to change the border of an element to XYZ 52.1817, 55.8894, 68.3591 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(186, 199, 209) }
```


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

```
.border{ border-color:rgb(186, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(186, 199,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1817, 55.8894, 68.3591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 209) }
```

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

```
.background{ background-color: rgb(186,  
199, 209) }
```

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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