

Converting Colors

XYZ(51.1496, 55.1281, 68.6576)

Have a look what the booklet for
XYZ(51.1496, 55.1281, 68.6576)
contains.

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Color

**XYZ(51.1183, 54.9864,
68.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C6D2
RGB	182, 198, 210
RGB Percent	71%, 78%, 82%
CMY	0.2863, 0.2235, 0.1765
CMYK	0.13, 0.06, 0.00, 0.18
HSL	206°, 24%, 77%
HSV	206°, 13%, 82%
XYZ	51.1183, 54.9864, 68.8920
YIQ	194.5840, -13.3880, 0.3400

Conversions

Conversions Part 2

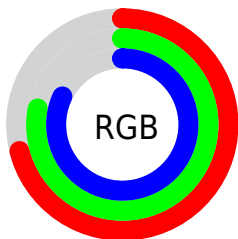
Format	Color
RYB	182, 192, 210
Decimal	11978450
CIELab	79.03, -3.01, -7.85
CIELCh	79, 8.406, 248.999
Yxy	54.9864, 0.2921, 0.3142
Android (android.graphics.Color)	4290168530 (0xFFB6C6D2)
YUV	194.5840, 7.6001, -11.0362
Hunter-Lab	74.1528, -6.7159, -3.1767

Details

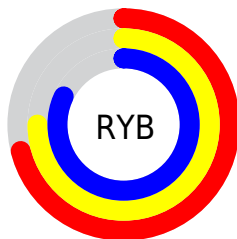
The XYZ color **51.1183, 54.9864, 68.8920** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3139, 55.6622, 52.1381**, and the grayscale version is **51.5876, 54.2742, 59.1046**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.0273, 27.0139, 35.3476** is the 20% darker color. If you saturate the color by 10%, you get **44.5303, 48.6285, 68.0129**, and if you desaturate by 10%, it is **58.5755, 61.9767, 69.8491**.

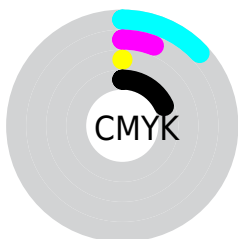
Distribution



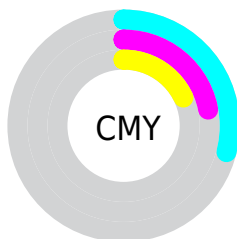
- Red (71%)
- Green (78%)
- Blue (82%)



- Red (71%)
- Yellow (75%)
- Blue (82%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1183, 54.9864, 68.8920 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 51.1183, 54.9864, 68.8920 by changing the saturation by 10% instead.

■ 51.1183, 54.9864,
68.8920

■ 51.1183, 54.9864,
68.8920

381.4033,
405.8604, 475.3336

■ 36.5242, 39.3908,
50.1525

■ 91.0116, 97.5210,
119.2936

■ 25.0113, 27.0639,
35.1626

117.0414,
125.2289, 151.7927

■ 16.2142, 17.6212,
23.5036

147.6139,
157.7430, 189.7156

■ 9.7677, 10.6784,
14.7570

183.0944,
195.4476, 233.4806

■ 5.3063, 5.8510,
8.5043

223.8482,
238.7273, 283.5064

■ 2.4647, 2.7547,
4.3269

270.2408,

■ 0.8775, 1.0050,

287.9664, 340.2115

1.8064

322.6373,
343.5493, 404.0143

■ 0.0000, 0.0000,
0.4321

■ 0.0000, 0.0000,
0.0000

■ 51.1183, 54.9864,
68.8920

■ 51.1183, 54.9864,
68.8920

■ 44.5303, 48.6285,
68.0129

■ 58.5755, 61.9767,
69.8491

■ 38.7715, 42.8748,
67.2058

■ 66.9300, 69.6126,
70.8826

■ 33.8059, 37.7052,
66.4697

■ 76.2146, 77.9154,
71.9959

■ 29.5928, 33.0952,
65.8020

■ 82.2947, 84.7565,
72.9959

■ 26.0874, 29.0185,
65.1998

■ 84.9217, 90.0106,
73.8716

■ 23.2399, 25.4458,
64.6603

■ 87.6808, 95.5287,
74.7913

■ 20.9929, 22.3439,
64.1800

■ 88.6330, 97.4332,
75.1087

■ 19.2778, 19.6738,
63.7550

■ 18.3523, 18.0917,
63.4984

Harmonies

Analogous

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



49.8021, 54.9864, 65.8589



51.1183, 54.9864, 68.8920



52.7678, 54.9864, 69.4410

Triad

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



51.1183, 54.9864, 68.8920



55.5056, 54.9864, 58.4410



50.2642, 54.9864, 52.9914

Complementary

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



51.1183, 54.9864, 68.8920



54.3139, 55.6622, 52.1381

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.



51.7613, 54.9864, 51.2230



51.1183, 54.9864, 68.8920



54.8035, 54.9864, 54.2572

Square

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



51.1183, 54.9864, 68.8920



55.3246, 54.9864, 63.2343



53.4245, 54.9864, 51.6737



49.3163, 54.9864, 56.6288

Rectangle

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



51.1183, 54.9864, 68.8920



53.8383, 54.9864, 68.2972



53.4245, 54.9864, 51.6737



50.7186, 54.9864, 52.1677

Sweetspot

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



51.1199, 54.9887, 68.8932



90.0180, 95.3597, 108.2695



52.0391, 59.9193, 59.6666



19.0705, 20.2281, 23.1492



0.0000, 0.0000, 0.0000



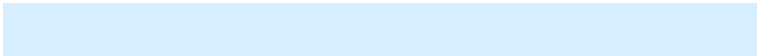
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1199, 54.9887, 68.8932



76.2745, 82.4154, 106.4954



48.1350, 49.0188, 67.8982



11.7165, 12.5233, 15.0434



11.2960, 11.2387, 38.7664



0.7095, 0.7842, 2.1935

Inverse Universe

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



53.5006, 51.2358, 60.4985



80.6992, 75.5992, 90.8574



57.4974, 62.0294, 53.1993



12.0878, 11.9199, 13.7381



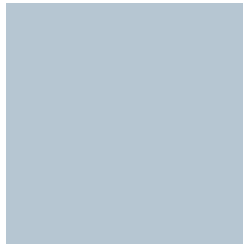
18.3324, 9.2058, 11.9227



1.0644, 0.5305, 0.8737

Previews

White Background



This preview shows how the XYZ color 51.1183, 54.9864, 68.8920 looks on a white background.

Color Contrast Check

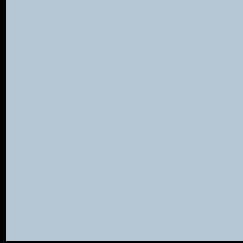
Large Text (above 18pt) WCAG AA × Fail

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 51.1183, 54.9864, 68.8920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

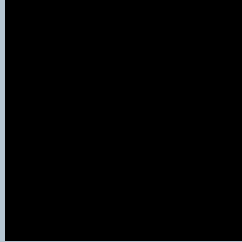
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

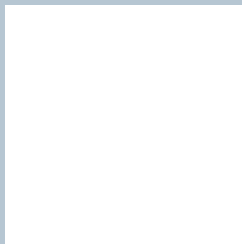
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.1183, 54.9864, 68.8920

Background



This preview shows how black text looks on a background with the XYZ color 51.1183, 54.9864, 68.8920.

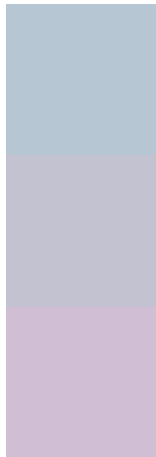


This preview shows how white text looks on a background with the XYZ color 51.1183, 54.9864,

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

51.1183, 54.9864, 68.8920

Protanopia

53.1826, 54.7397, 67.4373

Deuteranopia

56.0292, 54.8458, 69.9206



Tritanopia

51.5049, 54.8039, 70.8144

Trichromacy



Original Color

51.1183, 54.9864, 68.8920

Protanomaly

52.2589, 54.5808, 68.1024

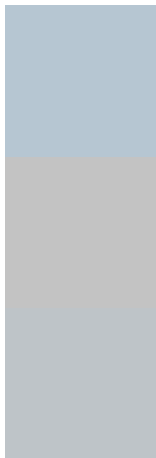
Deuteranomaly

54.1165, 54.8488, 69.3627

Tritanomaly

51.3784, 54.7533, 70.1479

Monochromacy



Original Color

51.1183, 54.9864, 68.8920

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.4005, 54.5971, 62.4728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1183, 54.9864, 68.8920 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(182, 198, 210)` looks like.

```
.text, #text, p{  
    color:rgb(182, 198, 210)  
}
```

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(182, 198, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 198, 210) }
```

Border

The CSS property to change the border of an element to XYZ 51.1183, 54.9864, 68.8920 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(182, 198, 210) }
```


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

```
.border{ border-color:rgb(182, 198, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 198, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(182, 198,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1183, 54.9864, 68.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 198, 210) }
```

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

```
.background{ background-color: rgb(182,  
198, 210) }
```

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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