

Converting Colors

XYZ(52.3747, 54.6479, 71.3099)

Have a look what the booklet for
XYZ(52.3747, 54.6479, 71.3099)
contains.

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Color

**XYZ(52.3917, 54.5766,
71.3913)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC3D6
RGB	188, 195, 214
RGB Percent	74%, 76%, 84%
CMY	0.2627, 0.2353, 0.1608
CMYK	0.12, 0.09, 0.00, 0.16
HSL	224°, 24%, 79%
HSV	224°, 12%, 84%
XYZ	52.3917, 54.5766, 71.3913
YIQ	195.0730, -10.2710, 4.4250

Conversions

Conversions Part 2

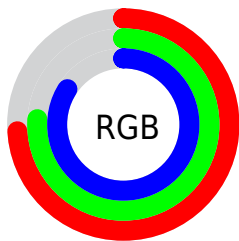
Format	Color
R _Y B	188, 194, 214
Decimal	12370902
CIE Lab	78.80, 1.36, -10.31
CIE LCh	79, 10.396, 277.496
Yxy	54.5766, 0.2937, 0.3060
Android (android.graphics.Color)	4290560982 (0xFFBCC3D6)
YUV	195.0730, 9.3310, -6.2030
Hunter-Lab	73.8760, -2.6935, -5.5827

Details

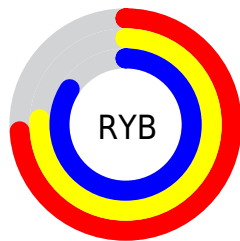
The XYZ color **52.3917, 54.5766, 71.3913** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1217, 62.5522, 56.5357**, and the grayscale version is **51.8671, 54.5682, 59.4248**.

A 20% lighter version of the original color is **90.1686, 96.0739, 108.3995**, and **25.7746, 26.7039, 36.5968** is the 20% darker color. If you saturate the color by 10%, you get **44.1841, 45.4152, 70.0564**, and if you desaturate by 10%, it is **61.7512, 64.8793, 72.8875**.

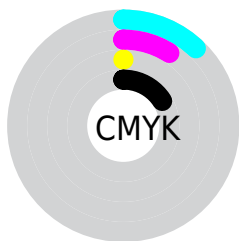
Distribution



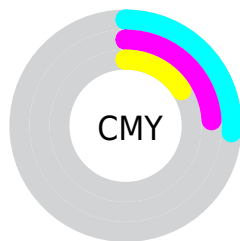
- Red (74%)
- Green (76%)
- Blue (84%)



- Red (74%)
- Yellow (76%)
- Blue (84%)



- Cyan (12%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (26%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3917, 54.5766, 71.3913 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 52.3917, 54.5766, 71.3913 by changing the saturation by 10% instead.

■ 52.3917, 54.5766,
71.3913

■ 52.3917, 54.5766,
71.3913

386.2461,
404.3050, 484.3406

■ 37.5429, 39.0628,
52.1778

■ 92.8795, 96.9203,
122.8904

■ 25.8037, 26.8086,
36.7636

119.2492,
124.5191, 156.0130

■ 16.8088, 17.4295,
24.7302

150.1899,
156.9150, 194.6092

■ 10.1927, 10.5412,
15.6589

186.0670,
194.4924, 239.0973

■ 5.5902, 5.7592,
9.1314

227.2458,
237.6357, 289.8959

■ 2.6358, 2.6992,
4.7290

274.0917,

■ 0.9642, 0.9768,

286.7293, 347.4237

2.0332

326.9700,
342.1576, 412.0991

■ 0.0000, 0.0000,
0.5756

■ 0.0000, 0.0000,
0.0000

■ 52.3917, 54.5766,
71.3913

■ 52.3917, 54.5766,
71.3913

■ 44.1841, 45.4152,
70.0564

■ 61.7512, 64.8793,
72.8875

■ 37.0779, 37.3482,
68.8739

■ 72.3006, 76.3545,
74.5464

■ 31.0262, 30.3352,
67.8392

■ 84.0822, 89.0409,
76.3742

■ 25.9765, 24.3308,
66.9464

■ 89.1378, 97.6351,
77.7666

■ 21.8719, 19.2859,
66.1889

■ 18.6491, 15.1471,
65.5599

■ 16.2365, 11.8550,
65.0517

■ 14.5502, 9.3421,
64.6555

■ 13.6327, 7.8449,
64.4149

Harmonies

Analogous

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



50.3727, 54.5766, 70.5285



52.3917, 54.5766, 71.3913



54.3211, 54.5766, 68.8831

Triad

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



52.3917, 54.5766, 71.3913



55.0787, 54.5766, 52.7859



48.3007, 54.5766, 55.1893

Complementary

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



52.3917, 54.5766, 71.3913



59.1217, 62.5522, 56.5357

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.



49.5004, 54.5766, 50.8742



52.3917, 54.5766, 71.3913



53.4037, 54.5766, 49.5520

Square

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



52.3917, 54.5766, 71.3913



55.8989, 54.5766, 57.9575



51.3586, 54.5766, 48.8760



48.0460, 54.5766, 60.9163

Rectangle

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



52.3917, 54.5766, 71.3913



55.2848, 54.5766, 65.7287



51.3586, 54.5766, 48.8760



48.6053, 54.5766, 53.5371

Sweetspot

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



52.3933, 54.5789, 71.3925



89.0648, 93.4533, 107.9518



56.0042, 63.2725, 68.0587



18.8295, 19.7461, 23.0689



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.



52.3933, 54.5789, 71.3925



74.0744, 76.9002, 105.5468



52.2759, 52.2434, 70.9479



12.0120, 12.5475, 15.7263



8.3140, 4.8898, 38.9588



0.5701, 0.4321, 2.3727

Inverse Universe

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



55.5663, 54.2038, 59.1661



79.8608, 76.3059, 83.2302



59.2402, 65.1880, 57.0382



12.5593, 12.4752, 13.6193



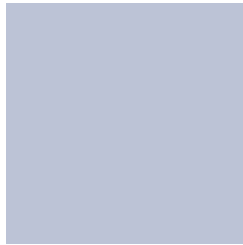
17.2554, 8.8385, 3.3830



1.0754, 0.5469, 0.3864

Previews

White Background



This preview shows how the XYZ color 52.3917, 54.5766, 71.3913 looks on a white background.

Color Contrast Check

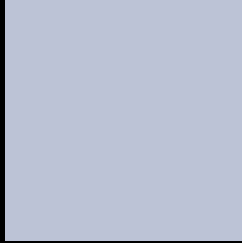
Large Text (above 18pt) WCAG AA × Fail

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 52.3917, 54.5766, 71.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

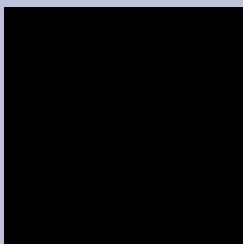
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

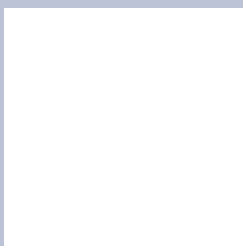
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.3917, 54.5766, 71.3913

Background



This preview shows how black text looks on a background with the XYZ color 52.3917, 54.5766, 71.3913.

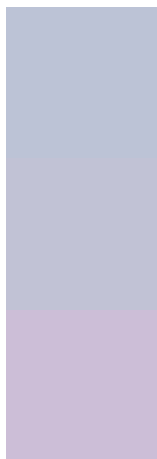


This preview shows how white text looks on a background with the XYZ color 52.3917, 54.5766,

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

52.3917, 54.5766, 71.3913

Protanopia

53.2943, 54.7251, 70.7049

Deuteranopia

55.5810, 54.5706, 71.8937



Tritanopia

51.7665, 54.2982, 69.3802

Trichromacy



Original Color

52.3917, 54.5766, 71.3913

Protanomaly

52.7879, 54.4640, 70.6812

Deuteranomaly

54.4041, 54.6113, 71.9636

Tritanomaly

51.8923, 54.3485, 70.0426

Monochromacy



Original Color

52.3917, 54.5766, 71.3913

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.9140, 54.5009, 63.6607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3917, 54.5766, 71.3913 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(188, 195, 214)` looks like.

```
.text, #text, p{  
    color:rgb(188, 195, 214)  
}
```

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(188, 195, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 195, 214) }
```

Border

The CSS property to change the border of an element to XYZ 52.3917, 54.5766, 71.3913 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(188, 195, 214) }
```


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

```
.border{ border-color:rgb(188, 195, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 195, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 195, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 195, 214);  
box-shadow:4px 4px 4px 4px rgb(188, 195,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3917, 54.5766, 71.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 195, 214) }
```

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

```
.background{ background-color: rgb(188,  
195, 214) }
```

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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