

Converting Colors

XYZ(52.8118, 58.9315, 70.3132)

Have a look what the booklet for
XYZ(52.8118, 58.9315, 70.3132)
contains.

XYZ(52.8931, 59.0321, 70.2346)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.8931, 59.0321,
70.2346)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CFD3
RGB	180, 207, 211
RGB Percent	71%, 81%, 83%
CMY	0.2941, 0.1882, 0.1725
CMYK	0.15, 0.02, 0.00, 0.17
HSL	188°, 26%, 77%
HSV	188°, 15%, 83%
XYZ	52.8931, 59.0321, 70.2346
YIQ	199.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

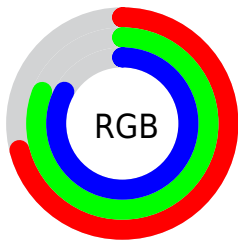
Format	Color
R _Y B	180, 194, 211
Decimal	11849683
CIE Lab	81.31, -8.17, -5.03
CIE LCh	81, 9.595, 211.631
Yxy	59.0321, 0.2904, 0.3241
Android (android.graphics.Color)	4290039763 (0xFFB4CFD3)
YUV	199.3830, 5.7272, -16.9989
Hunter-Lab	76.8323, -11.5732, -0.4160

Details

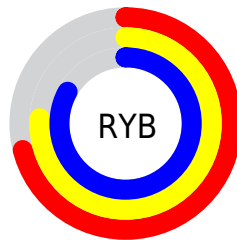
The XYZ color **52.8931, 59.0321, 70.2346** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.2431, 51.4251, 50.3536**, and the grayscale version is **54.4957, 57.3337, 62.4364**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **26.2294, 29.7288, 36.2541** is the 20% darker color. If you saturate the color by 10%, you get **47.6971, 55.3849, 69.8054**, and if you desaturate by 10%, it is **58.8517, 63.0924, 70.7052**.

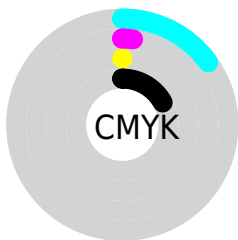
Distribution



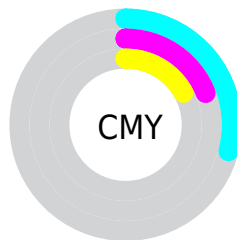
- Red (71%)
- Green (81%)
- Blue (83%)



- Red (71%)
- Yellow (76%)
- Blue (83%)



- Cyan (15%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (29%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8931, 59.0321, 70.2346 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 52.8931, 59.0321, 70.2346 by changing the saturation by 10% instead.

■ 52.8931, 59.0321,
70.2346

■ 52.8931, 59.0321,
70.2346

388.1424,
421.0209, 480.1847

■ 37.9446, 42.6390,
51.2398

■ 93.6135, 103.4243,
121.2275

■ 26.1167, 29.6019,
36.0215

120.1161,
132.1922, 154.0627

■ 17.0441, 19.5366,
24.1609

151.2007,
165.8537, 192.3485

■ 10.3614, 12.0587,
15.2397

187.2328,
204.7934, 236.5034

■ 5.7034, 6.7837,
8.8393

228.5777,
249.3956, 286.9459

■ 2.7045, 3.3272,
4.5412

275.6006,

■ 0.9995, 1.3048,

300.0446, 344.0946

1.9267

328.6671,
357.1249, 408.3680

■ 0.0000, 0.1449,
0.5096

■ 0.0000, 0.0000,
0.0000

■ 52.8931, 59.0321,
70.2346

■ 52.8931, 59.0321,
70.2346

■ 47.6971, 55.3849,
69.8054

■ 58.8517, 63.0924,
70.7052

■ 43.2247, 52.1259,
69.4121

■ 65.5993, 67.5749,
71.2148

■ 39.4413, 49.2389,
69.0542

■ 73.1675, 72.4974,
71.7660

■ 36.3075, 46.7033,
68.7300

■ 78.0402, 76.0474,
72.1944

■ 33.7796, 44.4966,
68.4373

■ 78.7510, 77.4692,
72.4314

■ 31.8086, 42.5935,
68.1738

■ 79.4735, 78.9141,
72.6722

■ 30.3378, 40.9645,
67.9369

■ 80.2077, 80.3825,
72.9169

■ 29.2978, 39.5739,
67.7233

■ 80.9536, 81.8744,
73.1656

■ 28.8560, 38.8991,
67.6164

■ 81.7114, 83.3898,
73.4182

Harmonies

Analogous

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



52.3465, 59.0321, 64.5903



52.8931, 59.0321, 70.2346



54.2984, 59.0321, 74.4759

Triad

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



52.8931, 59.0321, 70.2346



59.5651, 59.0321, 69.6595



55.9987, 59.0321, 53.8707

Complementary

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



52.8931, 59.0321, 70.2346



52.2431, 51.4251, 50.3536

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.



57.9578, 59.0321, 55.0526



52.8931, 59.0321, 70.2346



60.0460, 59.0321, 63.9626

Square

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



52.8931, 59.0321, 70.2346



58.1520, 59.0321, 74.1302



59.4511, 59.0321, 58.6642



54.1129, 59.0321, 55.3361

Rectangle

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



52.8931, 59.0321, 70.2346



55.5496, 59.0321, 75.8153



59.4511, 59.0321, 58.6642



56.6706, 59.0321, 53.9712

Sweetspot

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



52.8948, 59.0345, 70.2359



90.9783, 97.2803, 108.5896



50.7293, 59.7375, 53.9949



19.3140, 20.7151, 23.2304



0.0000, 0.0000, 0.0000



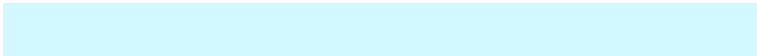
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8948, 59.0345, 70.2359



78.2737, 88.5918, 107.5822



49.4054, 52.0556, 69.0728



12.0229, 13.1361, 15.1455



17.4674, 23.5814, 40.8235



1.0138, 1.3927, 2.2950

Inverse Universe

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



54.4491, 50.9977, 66.0081



81.1766, 73.7547, 99.6469



55.5535, 58.0458, 51.4571



12.2425, 11.9817, 14.5526



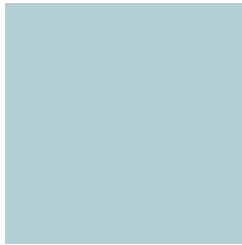
21.4475, 10.4518, 28.3263



1.2179, 0.5919, 1.6825

Previews

White Background



This preview shows how the XYZ color 52.8931, 59.0321, 70.2346 looks on a white background.

Color Contrast Check

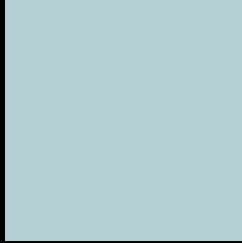
Large Text (above 18pt) WCAG AA × Fail

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 52.8931, 59.0321, 70.2346 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 52.8931, 59.0321, 70.2346

Background



This preview shows how black text looks on a background with the XYZ color 52.8931, 59.0321, 70.2346.

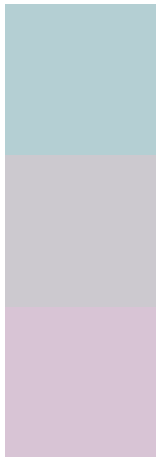


This preview shows how white text looks on a background with the XYZ color 52.8931, 59.0321,

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

52.8931, 59.0321, 70.2346

Protanopia

57.0510, 59.1157, 67.4350

Deuteranopia

60.0691, 58.8829, 71.1503



Tritanopia

54.3075, 58.8817, 77.6102

Trichromacy



Original Color

52.8931, 59.0321, 70.2346

Protanomaly

55.2468, 58.8680, 68.1254

Deuteranomaly

57.1665, 58.7585, 70.6159

Tritanomaly

53.7823, 59.0283, 74.8886

Monochromacy



Original Color

52.8931, 59.0321, 70.2346

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.6382, 57.7593, 64.8215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8931, 59.0321, 70.2346 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(180, 207, 211)` looks like.

```
.text, #text, p{  
    color:rgb(180, 207, 211)  
}
```

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(180, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 207, 211) }
```

Border

The CSS property to change the border of an element to XYZ 52.8931, 59.0321, 70.2346 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(180, 207, 211) }
```


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

```
.border{ border-color:rgb(180, 207, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 207, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 207, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 207, 211);  
box-shadow:4px 4px 4px 4px rgb(180, 207,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8931, 59.0321, 70.2346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 207, 211) }
```

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

```
.background{ background-color: rgb(180,  
207, 211) }
```

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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