

Converting Colors

XYZ(58.9225, 70.1485, 71.4409)

Have a look what the booklet for
XYZ(58.9225, 70.1485, 71.4409)
contains.

| | |
|--|----|
| XYZ(58.9047, 70.2072, 71.4195) | 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(58.9047, 70.2072,
71.4195)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B7E4D2 |
| RGB | 183, 228, 210 |
| RGB Percent | 72%, 89%, 82% |
| CMY | 0.2823, 0.1059, 0.1765 |
| CMYK | 0.20, 0.00, 0.08, 0.11 |
| HSL | 156°, 45%, 81% |
| HSV | 156°, 20%, 89% |
| XYZ | 58.9047, 70.2072, 71.4195 |
| YIQ | 212.4930, -21.0420, -15.1380 |

Conversions

Conversions Part 2

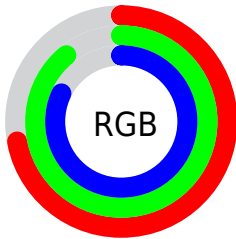
| Format | Color |
|-------------------------------------|---|
| RYB | 183, 211, 228 |
| Decimal | 12051666 |
| CIELab | 87.10, -18.10, 3.98 |
| CIELCh | 87, 18.531, 167.588 |
| Yxy | 70.2072, 0.2937, 0.3501 |
| Android (android.graphics.Color) | 4290241746 (0xFFB7E4D2) |
| YUV | 212.4930, -1.2290, -25.8654 |
| Hunter-Lab | 83.7897, -21.1454, 8.1161 |

Details

The XYZ color **58.9047, 70.2072, 71.4195** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.4735, 54.5798, 62.6618**, and the grayscale version is **62.9270, 66.2041, 72.0962**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **29.8065, 36.5725, 36.9407** is the 20% darker color. If you saturate the color by 10%, you get **52.8108, 67.1952, 65.3712**, and if you desaturate by 10%, it is **65.9458, 73.7039, 77.8532**.

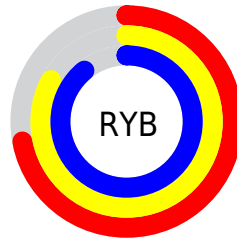
Distribution



Red (72%)

Green (89%)

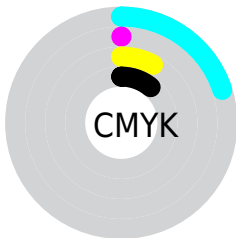
Blue (82%)



Red (72%)

Yellow (83%)

Blue (89%)

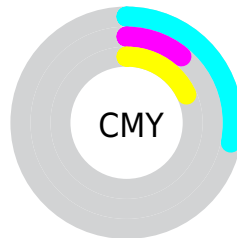


Cyan (20%)

Magenta (0%)

Yellow (8%)

Black (11%)



Cyan (28%)

Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9047, 70.2072, 71.4195 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 58.9047, 70.2072, 71.4195 by changing the saturation by 10% instead.

■ 58.9047, 70.2072,
71.4195

■ 58.9047, 70.2072,
71.4195

410.4484,
461.2772, 484.4417

■ 42.7825, 51.6955,
52.2007

■ 102.3546,
119.5042, 122.9309

■ 29.9083, 36.7624,
36.7817

130.4129,
151.0582, 156.0605

■ 19.9167, 25.0236,
24.7441

163.1807,
187.7285, 194.6642

■ 12.4424, 16.0946,
15.6692

201.0233,
229.8994, 239.1604

■ 7.1201, 9.5911,
9.1386

244.3059,
277.9553, 289.9677

■ 3.5843, 5.1287,
4.7336

293.3941,

■ 1.4698, 2.3230,

332.2807, 347.5047

2.0358

348.6532,
393.2598, 412.1898

■ 0.3051, 0.7858,
0.5772

■ 0.0000, 0.0000,
0.0000

■ 58.9047, 70.2072,
71.4195

■ 58.9047, 70.2072,
71.4195

■ 52.8108, 67.1952,
65.3712

■ 65.9458, 73.7039,
77.8532

■ 47.6149, 64.6368,
59.6961

■ 73.9687, 77.6971,
84.6750

■ 43.2721, 62.5110,
54.3877

■ 83.0133, 82.2094,
91.8935

■ 39.7313, 60.7916,
49.4379

■ 85.6940, 83.4331,
99.1683

■ 36.9356, 59.4492,
44.8379

■ 87.0347, 83.9694,
106.2282

■ 34.8199, 58.4507,
40.5784

■ 33.3075, 57.7564,
36.6494

■ 32.2699, 57.3003,
33.0384

■ 32.2452, 57.2896,
32.9477

Harmonies

Analogous

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



60.7543, 70.2072, 61.4265



58.9047, 70.2072, 71.4195



59.0845, 70.2072, 83.8979

Triad

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



58.9047, 70.2072, 71.4195



69.2842, 70.2072, 101.5731



72.5198, 70.2072, 60.1162

Complementary

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



58.9047, 70.2072, 71.4195



59.4735, 54.5798, 62.6618

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.



75.0078, 70.2072, 69.4447



58.9047, 70.2072, 71.4195



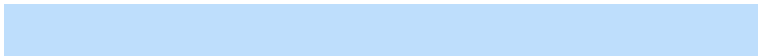
73.0848, 70.2072, 93.7283

Square

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



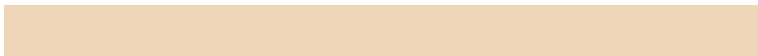
58.9047, 70.2072, 71.4195



64.9517, 70.2072, 102.2501



75.2190, 70.2072, 81.6982



68.5402, 70.2072, 55.3916

Rectangle

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



58.9047, 70.2072, 71.4195



60.3311, 70.2072, 91.9738



75.2190, 70.2072, 81.6982



73.5657, 70.2072, 62.7683

Sweetspot

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



58.9067, 70.2101, 71.4211



88.6735, 96.8248, 103.5394



60.5825, 71.4305, 55.3953



18.8373, 20.6536, 22.0392



0.0000, 0.0000, 0.0000



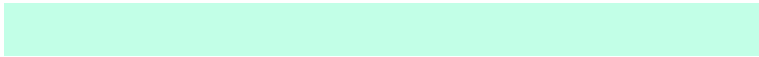
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9067, 70.2101, 71.4211



72.3126, 88.7052, 88.5550



60.2572, 69.1174, 83.5673



14.5505, 16.2336, 17.1639



18.6788, 33.1036, 19.3406



1.4259, 2.4645, 1.6692

Inverse Universe

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



59.4735, 54.5798, 62.6618



73.1792, 64.8314, 75.1805



58.2616, 55.3493, 52.4136



14.6147, 14.4631, 16.1712



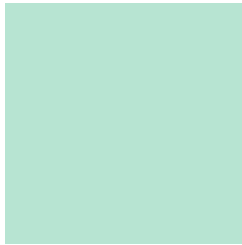
19.6255, 9.9844, 6.9229



1.4951, 0.7558, 0.7478

Previews

White Background



This preview shows how the XYZ color 58.9047, 70.2072, 71.4195 looks on a white background.

Color Contrast Check

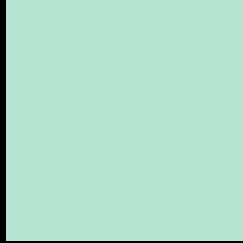
Large Text (above 18pt) WCAG AA × Fail

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 58.9047, 70.2072, 71.4195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

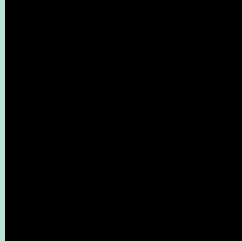
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

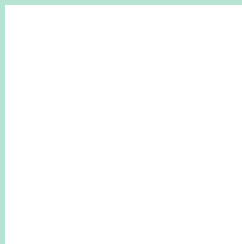
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9047, 70.2072, 71.4195

Background



This preview shows how black text looks on a background with the XYZ color 58.9047, 70.2072, 71.4195.



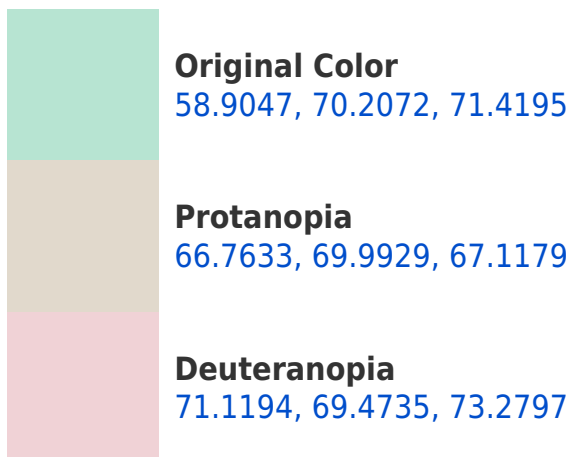
This preview shows how white text looks on a background with the XYZ color 58.9047, 70.2072, 71.4195.

71.4195.

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





Tritanopia

63.2511, 69.9450, 93.3861

Trichromacy



Original Color

58.9047, 70.2072, 71.4195

Protanomaly

63.5754, 69.8708, 68.5281

Deuteranomaly

66.0365, 69.4899, 72.8832

Tritanomaly

61.7017, 70.1284, 85.1470

Monochromacy



Original Color

58.9047, 70.2072, 71.4195

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.9167, 67.2635, 71.4005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9047, 70.2072, 71.4195 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(183, 228, 210)` looks like.

```
.text, #text, p{  
    color:rgb(183, 228, 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(183, 228, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 228, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.9047, 70.2072, 71.4195 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(183, 228, 210) }
```


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

```
.border{ border-color:rgb(183, 228, 210) }
```

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

Here you see how a box with a 4 pixel rgb(183, 228, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 228, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 228, 210);  
box-shadow:4px 4px 4px 4px rgb(183, 228,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9047, 70.2072, 71.4195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 228, 210) }
```

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

```
.background{ background-color: rgb(183,  
228, 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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