

Converting Colors

XYZ(51.7347, 57.8932, 70.7161)

Have a look what the booklet for
XYZ(51.7347, 57.8932, 70.7161)
contains.

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Color

**XYZ(51.8595, 58.1262,
70.7735)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CED4
RGB	176, 206, 212
RGB Percent	69%, 81%, 83%
CMY	0.3098, 0.1921, 0.1686
CMYK	0.17, 0.03, 0.00, 0.17
HSL	190°, 30%, 76%
HSV	190°, 17%, 83%
XYZ	51.8595, 58.1262, 70.7735
YIQ	197.7140, -19.8060, -4.4940

Conversions

Conversions Part 2

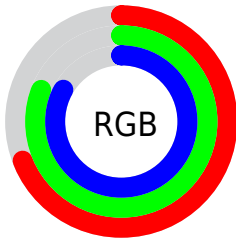
Format	Color
RYB	176, 192, 212
Decimal	11587284
CIELab	80.81, -8.71, -6.34
CIELCh	81, 10.770, 216.033
Yxy	58.1262, 0.2869, 0.3216
Android (android.graphics.Color)	4289777364 (0xFFB0CED4)
YUV	197.7140, 7.0430, -19.0432
Hunter-Lab	76.2405, -12.0036, -1.6701

Details

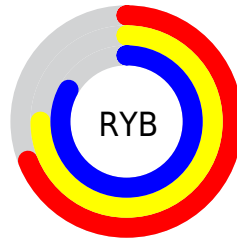
The XYZ color **51.8595, 58.1262, 70.7735** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.7163, 50.5876, 48.1141**, and the grayscale version is **53.4715, 56.2562, 61.2630**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **25.4824, 29.1017, 36.1724** is the 20% darker color. If you saturate the color by 10%, you get **46.5951, 54.1657, 70.2875**, and if you desaturate by 10%, it is **57.8950, 62.5156, 71.3036**.

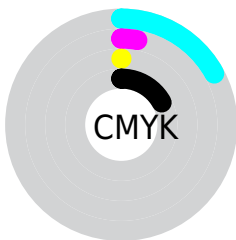
Distribution



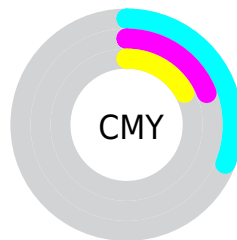
- Red (69%)
- Green (81%)
- Blue (83%)



- Red (69%)
- Yellow (75%)
- Blue (83%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (31%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8595, 58.1262, 70.7735 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 51.8595, 58.1262, 70.7735 by changing the saturation by 10% instead.

■ 51.8595, 58.1262,
70.7735

■ 51.8595, 58.1262,
70.7735

384.2268,
417.6560, 482.1236

■ 37.1169, 41.9101,
51.6767

■ 92.0995, 102.1066,
122.0026

■ 25.4721, 29.0309,
36.3670

118.3275,
130.6397, 154.9720

■ 16.5597, 19.1042,
24.4258

149.1148,
164.0473, 193.4026

■ 10.0145, 11.7456,
15.4347

184.8267,
202.7138, 237.7130

■ 5.4709, 6.5707,
8.9750

225.8284,
247.0235, 288.3218

■ 2.5637, 3.1951,
4.6283

272.4855,

■ 0.9275, 1.2344,

297.3608, 345.6474

1.9760

325.1632,
354.1102, 410.1085

■ 0.0000, 0.0896,
0.5404

■ 0.0000, 0.0000,
0.0000

■ 51.8595, 58.1262,
70.7735

■ 51.8595, 58.1262,
70.7735

■ 46.5951, 54.1657,
70.2875

■ 57.8950, 62.5156,
71.3036

■ 42.0619, 50.6089,
69.8398

■ 64.7291, 67.3437,
71.8753

■ 38.2241, 47.4385,
69.4302

■ 72.3940, 72.6288,
72.4914

■ 35.0409, 44.6334,
69.0565

■ 78.7515, 77.2688,
73.0520

■ 32.4669, 42.1700,
68.7167

■ 79.6890, 79.1438,
73.3645

■ 30.4510, 40.0218,
68.4083

■ 80.6462, 81.0582,
73.6835

■ 28.9332, 38.1575,
68.1284

■ 81.6232, 83.0122,
74.0092

■ 27.8348, 36.5365,
67.8734

■ 82.6201, 85.0062,
74.3415

■ 27.5437, 36.0732,
67.7994

■ 83.6372, 87.0402,
74.6805

Harmonies

Analogous

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



51.1013, 58.1262, 64.5859



51.8595, 58.1262, 70.7735



53.5277, 58.1262, 75.1578

Triad

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



51.8595, 58.1262, 70.7735



59.2491, 58.1262, 68.3978



54.7988, 58.1262, 51.8710

Complementary

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



51.8595, 58.1262, 70.7735



51.7163, 50.5876, 48.1141

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.



57.0032, 58.1262, 52.7415



51.8595, 58.1262, 70.7735



59.6115, 58.1262, 62.0106

Square

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



51.8595, 58.1262, 70.7735



57.8021, 58.1262, 73.7230



58.7793, 58.1262, 56.3527



52.7688, 58.1262, 53.8900

Rectangle

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



51.8595, 58.1262, 70.7735



54.9518, 58.1262, 76.3153



58.7793, 58.1262, 56.3527



55.5437, 58.1262, 51.8373

Sweetspot

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



51.8612, 58.1286, 70.7748



89.8400, 96.3138, 108.4631



49.8307, 59.6707, 52.8240



19.0781, 20.5072, 23.2027



0.0000, 0.0000, 0.0000



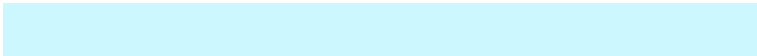
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8612, 58.1286, 70.7748



76.0611, 86.2759, 107.2518



47.9009, 50.2081, 69.4547



12.6079, 13.7393, 15.9250



17.0673, 22.3963, 41.8765



1.0773, 1.4465, 2.5417

Inverse Universe

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



53.8187, 49.5053, 65.1142



79.5449, 71.1305, 97.1320



55.5044, 58.1639, 49.3768



12.8601, 12.5955, 15.2033



21.6736, 10.6058, 26.6491



1.3314, 0.6494, 1.7345

Previews

White Background



This preview shows how the XYZ color 51.8595, 58.1262, 70.7735 looks on a white background.

Color Contrast Check

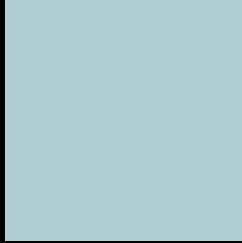
Large Text (above 18pt) WCAG AA × Fail

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 51.8595, 58.1262, 70.7735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

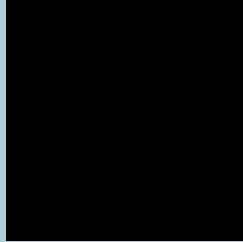
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8595, 58.1262, 70.7735

Background



This preview shows how black text looks on a background with the XYZ color 51.8595, 58.1262, 70.7735.



This preview shows how white text looks on a background with the XYZ color 51.8595, 58.1262,

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

51.8595, 58.1262, 70.7735

Protanopia

56.1657, 57.9575, 67.9012

Deuteranopia

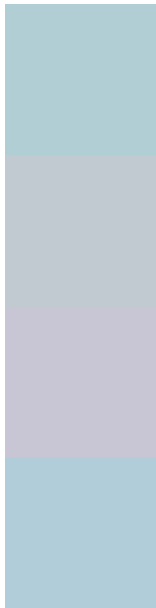
58.8700, 57.5847, 71.6305



Tritanopia

53.2426, 58.3481, 76.8627

Trichromacy



Original Color

51.8595, 58.1262, 70.7735

Protanomaly

54.6215, 58.1820, 68.6730

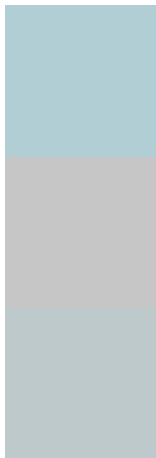
Deuteranomaly

56.0237, 57.4716, 71.0912

Tritanomaly

52.6177, 58.0717, 74.7654

Monochromacy



Original Color

51.8595, 58.1262, 70.7735

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.9013, 57.0322, 64.7200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8595, 58.1262, 70.7735 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(176, 206, 212)` looks like.

```
.text, #text, p{  
    color:rgb(176, 206, 212)  
}
```

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(176, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 206, 212) }
```

Border

The CSS property to change the border of an element to XYZ 51.8595, 58.1262, 70.7735 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(176, 206, 212) }
```


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

```
.border{ border-color:rgb(176, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(176, 206,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8595, 58.1262, 70.7735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 206, 212) }
```

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

```
.background{ background-color: rgb(176,  
206, 212) }
```

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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