

Converting Colors

XYZ(50.7390, 57.6969, 58.5587)

Have a look what the booklet for
XYZ(50.7390, 57.6969, 58.5587)
contains.

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Color

**XYZ(50.8771, 57.8935,
58.3622)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CEC0
RGB	182, 206, 192
RGB Percent	71%, 81%, 75%
CMY	0.2863, 0.1921, 0.2471
CMYK	0.12, 0.00, 0.07, 0.19
HSL	145°, 20%, 76%
HSV	145°, 12%, 81%
XYZ	50.8771, 57.8935, 58.3622
YIQ	197.2280, -9.8100, -9.4420

Conversions

Conversions Part 2

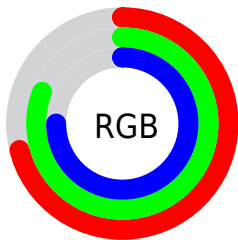
Format	Color
RYB	182, 199, 206
Decimal	11980480
CIELab	80.68, -10.75, 4.23
CIELCh	81, 11.549, 158.536
Yxy	57.8935, 0.3044, 0.3464
Android (android.graphics.Color)	4290170560 (0xFFB6CEC0)
YUV	197.2280, -2.5774, -13.3550
Hunter-Lab	76.0878, -13.7972, 7.7838

Details

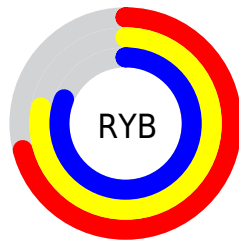
The XYZ color **50.8771, 57.8935, 58.3622** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.1474, 50.5646, 59.2387**, and the grayscale version is **53.2293, 56.0014, 60.9855**.

A 20% lighter version of the original color is **87.9632, 96.4745, 102.7922**, and **24.9417, 28.9877, 28.7067** is the 20% darker color. If you saturate the color by 10%, you get **45.0878, 55.0583, 51.4222**, and if you desaturate by 10%, it is **57.4941, 61.1461, 65.9111**.

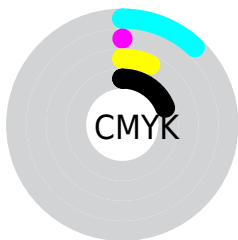
Distribution



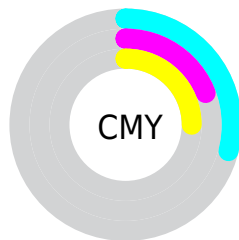
- Red (71%)
- Green (81%)
- Blue (75%)



- Red (71%)
- Yellow (78%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8771, 57.8935, 58.3622 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 50.8771, 57.8935, 58.3622 by changing the saturation by 10% instead.

■ 50.8771, 57.8935,
58.3622

■ 50.8771, 57.8935,
58.3622

380.4816,
416.7890, 436.1701

■ 36.3315, 41.7230,
41.6833

■ 90.6572, 101.7678,
103.9701

■ 24.8616, 28.8845,
28.5297

116.6223,
130.2403, 133.7362

■ 16.1021, 18.9935,
18.4828

147.1246,
163.5824, 168.7017

■ 9.6878, 11.6655,
11.1241

182.5295,
202.1784, 209.2852

■ 5.2531, 6.5164,
6.0352

223.2022,
246.4126, 255.9053

■ 2.4328, 3.1615,
2.7973

269.5083,

■ 0.8615, 1.2166,

296.6695, 308.9804

0.9921

321.8130,
353.3335, 368.9292

■ 0.0000, 0.0752,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.8771, 57.8935,
58.3622

■ 50.8771, 57.8935,
58.3622

■ 45.0878, 55.0583,
51.4222

■ 57.4941, 61.1461,
65.9111

■ 40.0877, 52.6160,
45.0720

■ 64.9657, 64.8248,
74.0795

■ 35.8422, 50.5508,
39.2975

■ 73.3235, 68.9472,
82.8826

■ 32.3124, 48.8429,
34.0820

■ 79.0515, 71.7005,
92.1683

■ 29.4556, 47.4706,
29.4084

■ 80.8976, 72.4389,
101.8896

■ 27.2243, 46.4099,
25.2587

■ 81.3624, 72.6249,
104.3375

■ 25.5645, 45.6332,
21.6135

■ 24.4119, 45.1078,
18.4521

■ 23.7451, 44.8140,
16.1657

Harmonies

Analogous

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



52.2246, 57.8935, 53.3324



50.8771, 57.8935, 58.3622



50.6245, 57.8935, 65.0011

Triad

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



50.8771, 57.8935, 58.3622



55.7079, 57.8935, 76.9019



58.6829, 57.8935, 55.2204

Complementary

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



50.8771, 57.8935, 58.3622



52.1474, 50.5646, 59.2387

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.



59.6756, 57.8935, 61.1113



50.8771, 57.8935, 58.3622



57.9259, 57.8935, 73.8509

Square

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



50.8771, 57.8935, 58.3622



53.3689, 57.8935, 76.0334



59.3946, 57.8935, 67.9533



56.7172, 57.8935, 51.6115

Rectangle

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



50.8771, 57.8935, 58.3622



51.1038, 57.8935, 69.5050



59.3946, 57.8935, 67.9533



59.1440, 57.8935, 56.9817

Sweetspot

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



50.8787, 57.8960, 58.3635



91.5810, 98.2937, 105.0304



53.3861, 59.3123, 52.8913



19.4083, 20.9436, 22.2628



0.0000, 0.0000, 0.0000



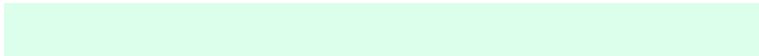
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8787, 57.8960, 58.3635



79.9400, 92.5771, 91.6284



52.2158, 58.4308, 65.4045



11.2587, 12.6132, 12.9195



14.6667, 27.6120, 10.1957



0.7942, 1.4395, 0.7237

Inverse Universe

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



52.1474, 50.5646, 59.2387



82.3969, 78.3785, 93.3226



50.8770, 50.0564, 52.5487



11.4822, 11.3216, 13.0737



17.8170, 8.9374, 12.0210



0.9564, 0.4760, 0.8165

Previews

White Background



This preview shows how the XYZ color 50.8771, 57.8935, 58.3622 looks on a white background.

Color Contrast Check

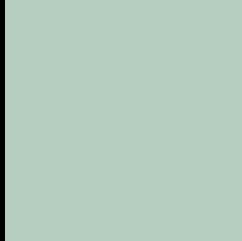
Large Text (above 18pt) WCAG AA × Fail

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 50.8771, 57.8935, 58.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

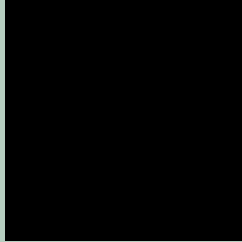
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

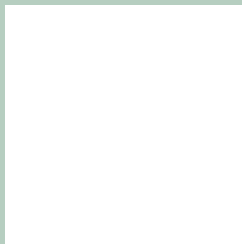
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8771, 57.8935, 58.3622

Background



This preview shows how black text looks on a background with the XYZ color 50.8771, 57.8935, 58.3622.

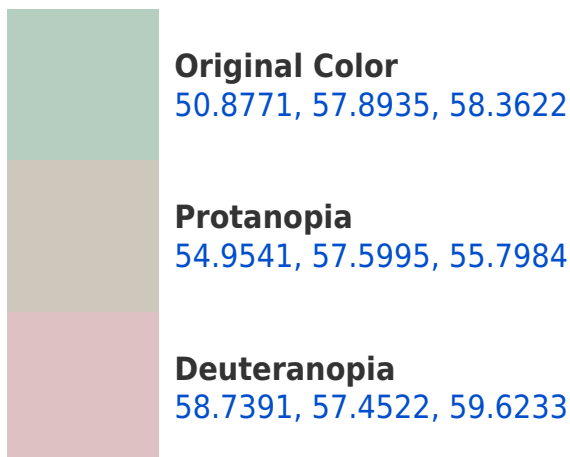


This preview shows how white text looks on a background with the XYZ color 50.8771, 57.8935,

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

54.0251, 57.7421, 74.6276

Trichromacy



Original Color

50.8771, 57.8935, 58.3622

Protanomaly

53.3318, 57.7855, 56.4869

Deuteranomaly

55.6638, 57.5486, 59.2131

Tritanomaly

52.8721, 57.6296, 68.6586

Monochromacy



Original Color

50.8771, 57.8935, 58.3622

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.2428, 56.4552, 59.7732

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8771, 57.8935, 58.3622 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, 206, 192) looks like.

```
.text, #text, p{  
    color:rgb(182, 206, 192)  
}
```

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, 206, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 206, 192) }
```

Border

The CSS property to change the border of an element to XYZ 50.8771, 57.8935, 58.3622 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, 206, 192) }
```


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

```
.border{ border-color:rgb(182, 206, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 206, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 206, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 206, 192);  
box-shadow:4px 4px 4px 4px rgb(182, 206,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8771, 57.8935, 58.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 206, 192) }
```

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

```
.background{ background-color: rgb(182,  
206, 192) }
```

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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