

Converting Colors

XYZ(51.2057, 58.3188, 60.9572)

Have a look what the booklet for
XYZ(51.2057, 58.3188, 60.9572)
contains.

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Color

**XYZ(51.0990, 58.3145,
60.7872)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CFC4
RGB	180, 207, 196
RGB Percent	71%, 81%, 77%
CMY	0.2941, 0.1882, 0.2314
CMYK	0.13, 0.00, 0.05, 0.19
HSL	156°, 22%, 76%
HSV	156°, 13%, 81%
XYZ	51.0990, 58.3145, 60.7872
YIQ	197.6730, -12.5610, -9.1450

Conversions

Conversions Part 2

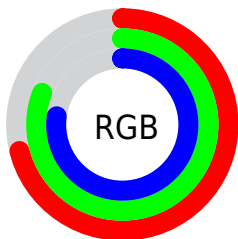
Format	Color
RYB	180, 197, 207
Decimal	11849668
CIELab	80.91, -11.17, 2.41
CIELCh	81, 11.424, 167.824
Yxy	58.3145, 0.3002, 0.3426
Android (android.graphics.Color)	4290039748 (0xFFB4CFC4)
YUV	197.6730, -0.8248, -15.4992
Hunter-Lab	76.3639, -14.1934, 6.2587

Details

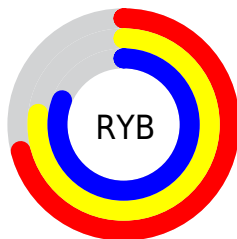
The XYZ color **51.0990, 58.3145, 60.7872** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.4594, 49.6709, 56.1680**, and the grayscale version is **53.4897, 56.2753, 61.2838**.

A 20% lighter version of the original color is **88.0817, 96.4447, 106.9018**, and **25.0261, 29.2475, 29.9175** is the 20% darker color. If you saturate the color by 10%, you get **45.7022, 55.6418, 55.6636**, and if you desaturate by 10%, it is **57.2728, 61.3847, 66.2314**.

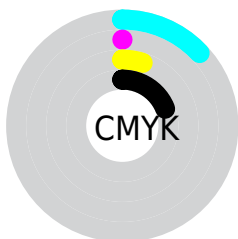
Distribution



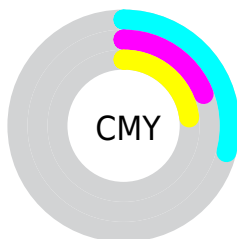
- Red (71%)
- Green (81%)
- Blue (77%)



- Red (71%)
- Yellow (77%)
- Blue (81%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (29%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.0990, 58.3145, 60.7872 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 51.0990, 58.3145, 60.7872 by changing the saturation by 10% instead.

■ 51.0990, 58.3145,
60.7872

■ 51.0990, 58.3145,
60.7872

381.3296,
418.3568, 445.3783

■ 36.5088, 42.0615,
43.6240

■ 90.9832, 102.3807,
107.5253

■ 24.9993, 29.1495,
30.0400

117.0079,
130.9627, 137.9373

■ 16.2053, 19.1939,
19.6166

147.5748,
164.4232, 173.6026

■ 9.7613, 11.8105,
11.9354

183.0492,
203.1466, 214.9398

■ 5.3020, 6.6148,
6.5777

223.7966,
247.5173, 262.3674

■ 2.4621, 3.2224,
3.1250

270.1822,

■ 0.8762, 1.2489,

297.9196, 316.3040

1.1588

322.5714,
354.7380, 377.1681

■ 0.0000, 0.1011,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.0990, 58.3145,
60.7872

■ 51.0990, 58.3145,
60.7872

■ 45.7022, 55.6418,
55.6636

■ 57.2728, 61.3847,
66.2314

■ 41.0448, 53.3425,
50.8506

■ 64.2493, 64.8608,
71.9983

■ 37.0934, 51.4012,
46.3432

■ 72.0592, 68.7601,
78.0948

■ 33.8099, 49.7982,
42.1348

■ 77.8005, 71.5865,
84.3894

■ 31.1526, 48.5123,
38.2184

■ 79.0124, 72.0713,
90.7712

■ 29.0748, 47.5193,
34.5867

■ 80.2824, 72.5793,
97.4589

■ 27.5227, 46.7919,
31.2321

■ 81.6039, 73.1079,
104.4180

■ 26.4321, 46.2968,
28.1460

■ 25.8676, 46.0494,
26.1513

Harmonies

Analogous

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



52.1241, 58.3145, 55.1460



51.0990, 58.3145, 60.7872



51.2089, 58.3145, 67.5648

Triad

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



51.0990, 58.3145, 60.7872



56.8297, 58.3145, 76.7169



58.5357, 58.3145, 54.3242

Complementary

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



51.0990, 58.3145, 60.7872



51.4594, 49.6709, 56.1680

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.



59.8689, 58.3145, 59.5912



51.0990, 58.3145, 60.7872



58.8648, 58.3145, 72.6459

Square

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



51.0990, 58.3145, 60.7872



54.4726, 58.3145, 77.0943



59.9910, 58.3145, 66.2812



56.3908, 58.3145, 51.5964

Rectangle

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



51.0990, 58.3145, 60.7872



51.9113, 58.3145, 71.8202



59.9910, 58.3145, 66.2812



59.0962, 58.3145, 55.8386

Sweetspot

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



51.1006, 58.3170, 60.7885



90.7344, 97.8517, 105.2428



52.1018, 59.0324, 51.8291



19.2522, 20.8604, 22.3811



0.0000, 0.0000, 0.0000



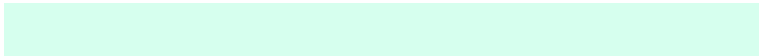
20.3446, 21.4041, 23.3091

Same Dimension

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



51.1006, 58.3170, 60.7885



79.0378, 92.0414, 94.7782



51.8584, 57.7539, 67.4489



11.9460, 13.3222, 14.0721



16.3449, 29.0309, 16.7283



0.9527, 1.6388, 1.1398

Inverse Universe

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



51.4594, 49.6709, 56.1680



79.7363, 75.2141, 85.7869



50.7513, 50.1205, 50.1801



12.0055, 11.8870, 13.3050



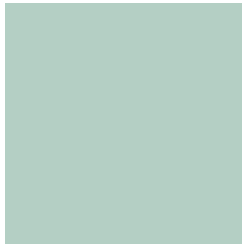
17.2735, 8.7822, 6.3464



1.0048, 0.5066, 0.5599

Previews

White Background



This preview shows how the XYZ color 51.0990, 58.3145, 60.7872 looks on a white background.

Color Contrast Check

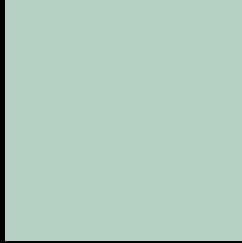
Large Text (above 18pt) WCAG AA × Fail

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 51.0990, 58.3145, 60.7872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

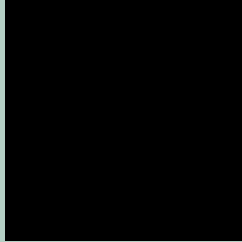
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

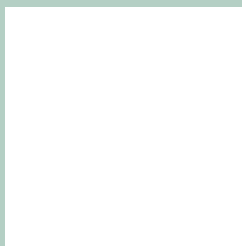
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.0990, 58.3145, 60.7872

Background



This preview shows how black text looks on a background with the XYZ color 51.0990, 58.3145, 60.7872.

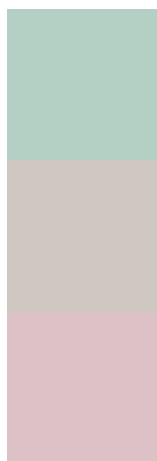


This preview shows how white text looks on a background with the XYZ color 51.0990, 58.3145,

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

51.0990, 58.3145, 60.7872

Protanopia

55.6223, 58.2361, 58.1783

Deuteranopia

59.1158, 57.9227, 62.0973



Tritanopia

54.0414, 58.0695, 76.0704

Trichromacy



Original Color

51.0990, 58.3145, 60.7872

Protanomaly

54.0075, 58.4324, 58.8842

Deuteranomaly

55.7933, 57.9032, 61.6619

Tritanomaly

52.8792, 57.9562, 70.0276

Monochromacy



Original Color

51.0990, 58.3145, 60.7872

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.4505, 56.8809, 61.0380

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0990, 58.3145, 60.7872 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(180, 207, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 207, 196) }
```

Border

The CSS property to change the border of an element to XYZ 51.0990, 58.3145, 60.7872 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, 196) }
```


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

```
.border{ border-color:rgb(180, 207, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 207, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 207, 196);  
box-shadow:4px 4px 4px 4px rgb(180, 207,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0990, 58.3145, 60.7872 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, 196) }
```

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

```
.background{ background-color: rgb(180,  
207, 196) }
```

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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