

Converting Colors

XYZ(50.4462, 59.2920, 67.5638)

Have a look what the booklet for
XYZ(50.4462, 59.2920, 67.5638)
contains.

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Color

**XYZ(50.4931, 59.3090,
67.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D3CF
RGB	167, 211, 207
RGB Percent	65%, 83%, 81%
CMY	0.3451, 0.1725, 0.1882
CMYK	0.21, 0.00, 0.02, 0.17
HSL	175°, 33%, 74%
HSV	175°, 21%, 83%
XYZ	50.4931, 59.3090, 67.8180
YIQ	197.3880, -24.9400, -10.5720

Conversions

Conversions Part 2

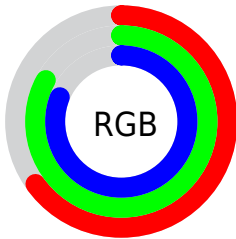
Format	Color
RYB	167, 190, 211
Decimal	10998735
CIELab	81.46, -15.14, -2.77
CIELCh	81, 15.392, 190.349
Yxy	59.3090, 0.2843, 0.3339
Android (android.graphics.Color)	4289188815 (0xFFA7D3CF)
YUV	197.3880, 4.7387, -26.6503
Hunter-Lab	77.0123, -17.7382, 1.6971

Details

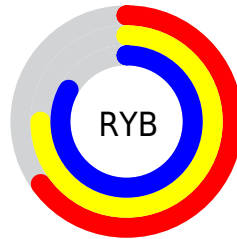
The XYZ color **50.4931, 59.3090, 67.8180** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0355, 44.4282, 44.5743**, and the grayscale version is **53.2898, 56.0650, 61.0548**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **24.5777, 29.6542, 34.5655** is the 20% darker color. If you saturate the color by 10%, you get **46.1613, 57.1044, 66.3988**, and if you desaturate by 10%, it is **55.5585, 61.8946, 69.2889**.

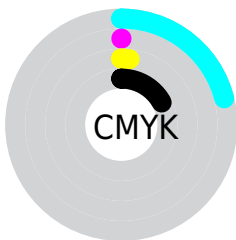
Distribution



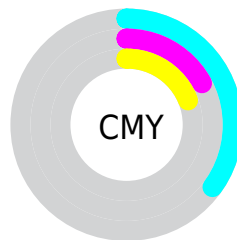
- Red (65%)
- Green (83%)
- Blue (81%)



- Red (65%)
- Yellow (75%)
- Blue (83%)



- Cyan (21%)
- Magenta (0%)
- Yellow (2%)
- Black (17%)



- Cyan (35%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4931, 59.3090, 67.8180 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 50.4931, 59.3090, 67.8180 by changing the saturation by 10% instead.

■ 50.4931, 59.3090,
67.8180

■ 50.4931, 59.3090,
67.8180

379.0113,
422.0461, 471.4314

■ 36.0248, 42.8619,
49.2839

■ 90.0925, 103.8266,
117.7435

■ 24.6235, 29.7768,
34.4776

■ 115.9543,
132.6660, 149.9720

■ 15.9240, 19.6692,
22.9804

146.3446,
166.4048, 187.6024

■ 9.5609, 12.1548,
14.3739

181.6288,
205.4276, 231.0532

■ 5.1688, 6.8492,
8.2394

222.1722,
250.1188, 280.7429

■ 2.3824, 3.3680,
4.1586

268.3402,

■ 0.8363, 1.3267,

300.8626, 337.0902

1.7127

320.4981,
358.0436, 400.5135

■ 0.0000, 0.1618,
0.3694

■ 0.0000, 0.0000,
0.0000

■ 50.4931, 59.3090,
67.8180

■ 50.4931, 59.3090,
67.8180

■ 46.1613, 57.1044,
66.3988

■ 55.5585, 61.8946,
69.2889

■ 42.5227, 55.2552,
65.0257

■ 61.3852, 64.8707,
70.8091

■ 39.5408, 53.7443,
63.6981

■ 68.0057, 68.2558,
72.3815

■ 37.1739, 52.5501,
62.4140

■ 75.4492, 72.0648,
74.0074

■ 35.3752, 51.6485,
61.1712

■ 77.0076, 72.8395,
75.3730

■ 34.0913, 51.0119,
59.9671

■ 77.2581, 72.9398,
76.6926

■ 33.2586, 50.6077,
58.7987

■ 77.5116, 73.0412,
78.0275

■ 32.7887, 50.3880,
57.7565

■ 77.7681, 73.1437,
79.3777

■ 78.0274, 73.2475,
80.7435

Harmonies

Analogous

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



50.7352, 59.3090, 58.7917



50.4931, 59.3090, 67.8180



51.7799, 59.3090, 76.7613

Triad

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



50.4931, 59.3090, 67.8180



60.4790, 59.3090, 79.0675



58.4809, 59.3090, 49.2657

Complementary

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



50.4931, 59.3090, 67.8180



48.0355, 44.4282, 44.5743

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.



61.2267, 59.3090, 53.7562



50.4931, 59.3090, 67.8180



62.4104, 59.3090, 70.7307

Square

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



50.4931, 59.3090, 67.8180



57.4919, 59.3090, 83.6544



62.6891, 59.3090, 61.4417



55.2656, 59.3090, 48.6464

Rectangle

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



50.4931, 59.3090, 67.8180



53.3613, 59.3090, 81.2593



62.6891, 59.3090, 61.4417



59.4927, 59.3090, 50.3507

Sweetspot

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



50.4948, 59.3114, 67.8193



89.4201, 97.1235, 107.4711



47.1530, 58.0839, 45.2864



19.0141, 20.7243, 22.9703



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.



50.4948, 59.3114, 67.8193



74.4390, 89.4809, 103.1351



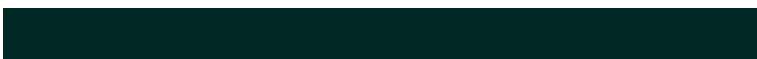
46.8545, 51.2376, 69.0512



12.1101, 13.3878, 14.9360



19.8070, 30.4158, 34.9597



1.1214, 1.7062, 2.0278

Inverse Universe

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



48.0355, 44.4282, 44.5743



70.0090, 62.6642, 61.2584



51.1065, 51.1717, 43.7438



11.8518, 11.8255, 12.4953



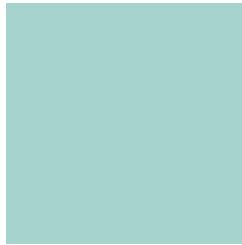
16.3008, 8.3932, 1.2245



0.9268, 0.4754, 0.1495

Previews

White Background



This preview shows how the XYZ color 50.4931, 59.3090, 67.8180 looks on a white background.

Color Contrast Check

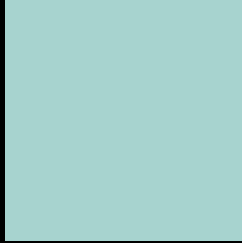
Large Text (above 18pt) WCAG AA × Fail

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 50.4931, 59.3090, 67.8180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

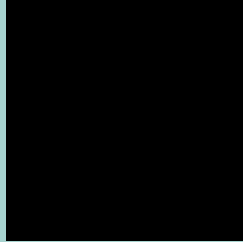
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4931, 59.3090, 67.8180

Background



This preview shows how black text looks on a background with the XYZ color 50.4931, 59.3090, 67.8180.



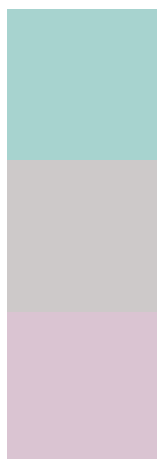
This preview shows how white text looks on a background with the XYZ color 50.4931, 59.3090,

67.8180.

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

50.4931, 59.3090, 67.8180

Protanopia

56.6061, 58.9695, 63.6571

Deuteranopia

60.2862, 59.0384, 69.1909



Tritanopia

52.9411, 59.2059, 79.8718

Trichromacy



Original Color

50.4931, 59.3090, 67.8180

Protanomaly

54.0967, 59.0508, 65.0467

Deuteranomaly

55.9485, 58.5189, 68.6681

Tritanomaly

52.0329, 59.2089, 75.0157

Monochromacy



Original Color

50.4931, 59.3090, 67.8180

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.9128, 56.8972, 63.5045

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4931, 59.3090, 67.8180 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(167, 211, 207)` looks like.

```
.text, #text, p{  
    color:rgb(167, 211, 207)  
}
```

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(167, 211, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 211, 207) }
```

Border

The CSS property to change the border of an element to XYZ 50.4931, 59.3090, 67.8180 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(167, 211, 207) }
```


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

```
.border{ border-color:rgb(167, 211, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 211, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 211, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 211, 207);  
box-shadow:4px 4px 4px 4px rgb(167, 211,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4931, 59.3090, 67.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 211, 207) }
```

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

```
.background{ background-color: rgb(167,  
211, 207) }
```

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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