

Converting Colors

XYZ(49.4575, 58.1524, 64.3611)

Have a look what the booklet for
XYZ(49.4575, 58.1524, 64.3611)
contains.

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Color

**XYZ(49.3975, 58.0807,
64.4843)**

Conversions

Conversions Part 1

Format	Color
Hex	A7D1CA
RGB	167, 209, 202
RGB Percent	65%, 82%, 79%
CMY	0.3451, 0.1804, 0.2078
CMYK	0.20, 0.00, 0.03, 0.18
HSL	170°, 31%, 74%
HSV	170°, 20%, 82%
XYZ	49.3975, 58.0807, 64.4843
YIQ	195.6440, -22.7850, -11.0810

Conversions

Conversions Part 2

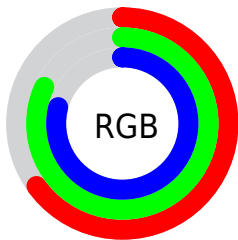
Format	Color
RYB	167, 190, 209
Decimal	10998218
CIELab	80.78, -15.17, -1.09
CIElCh	81, 15.210, 184.099
Yxy	58.0807, 0.2873, 0.3378
Android (android.graphics.Color)	4289188298 (0xFFA7D1CA)
YUV	195.6440, 3.1335, -25.1208
Hunter-Lab	76.2107, -17.6703, 3.1803

Details

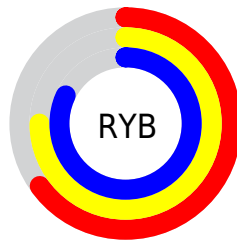
The XYZ color **49.3975, 58.0807, 64.4843** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.7553, 44.2503, 46.0711**, and the grayscale version is **52.2491, 54.9701, 59.8625**.

A 20% lighter version of the original color is **84.2414, 94.4280, 108.3942**, and **23.8403, 28.8267, 32.3246** is the 20% darker color. If you saturate the color by 10%, you get **44.9264, 55.8245, 62.1465**, and if you desaturate by 10%, it is **54.5948, 60.7133, 66.9071**.

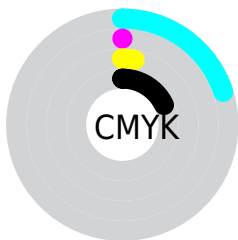
Distribution



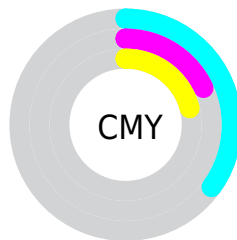
- Red (65%)
- Green (82%)
- Blue (79%)



- Red (65%)
- Yellow (75%)
- Blue (82%)



- Cyan (20%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)




- Cyan (35%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3975, 58.0807, 64.4843 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 49.3975, 58.0807, 64.4843 by changing the saturation by 10% instead.


 49.3975, 58.0807,
64.4843

 49.3975, 58.0807,
64.4843


374.7962,
417.4866, 459.1918

 35.1507, 41.8735,
46.5944


 88.4787, 102.0404,
112.9143

 23.9461, 29.0023,
32.3630


 114.0439,
130.5617, 144.2914

 15.4181, 19.0825,
21.3718


144.1126,
163.9564, 181.0013

 9.2016, 11.7299,
13.2022

179.0501,
202.6091, 223.4626

 4.9311, 6.5601,
7.4356

219.2219,
246.9041, 272.0937

 2.2412, 3.1885,
3.6534

264.9933,

 0.7643, 1.2309,

297.2257, 327.3133

1.4372

316.7296,
353.9584, 389.5398

■ 0.0000, 0.0868,
0.1705

■ 0.0000, 0.0000,
0.0000

■ 49.3975, 58.0807,
64.4843

■ 49.3975, 58.0807,
64.4843

■ 44.9264, 55.8245,
62.1465

■ 54.5948, 60.7133,
66.9071

■ 41.1424, 53.9198,
59.8880

■ 60.5453, 63.7316,
69.4130

■ 38.0098, 52.3499,
57.7080

■ 67.2807, 67.1535,
72.0048

■ 35.4881, 51.0939,
55.6043

■ 74.8295, 70.9935,
74.6842

■ 33.5321, 50.1284,
53.5744

■ 76.8837, 71.9999,
77.1564

■ 32.0902, 49.4269,
51.6156

■ 77.3486, 72.1859,
79.6044

■ 31.1011, 48.9579,
49.7247

■ 77.8231, 72.3757,
82.1033

■ 30.4569, 48.6652,
47.9134

■ 78.3074, 72.5694,
84.6534

■ 78.8014, 72.7670,
87.2551

Harmonies

Analogous

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



49.9484, 58.0807, 55.9829



49.3975, 58.0807, 64.4843



50.3533, 58.0807, 73.4390

Triad

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



49.3975, 58.0807, 64.4843



58.6589, 58.0807, 78.6680



57.8838, 58.0807, 48.9245

Complementary

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



49.3975, 58.0807, 64.4843



47.7553, 44.2503, 46.0711

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.



60.3566, 58.0807, 54.0319



49.3975, 58.0807, 64.4843



60.8158, 58.0807, 71.0987

Square

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



49.3975, 58.0807, 64.4843



55.6367, 58.0807, 82.1047



61.4485, 58.0807, 62.0118



54.7734, 58.0807, 47.5118

Rectangle

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



49.3975, 58.0807, 64.4843



51.7384, 58.0807, 78.3079



61.4485, 58.0807, 62.0118



58.8209, 58.0807, 50.2407

Sweetspot

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



49.3992, 58.0831, 64.4856



89.2354, 97.0496, 106.4983



47.3893, 57.4727, 45.1559



18.9703, 20.7068, 22.7397



0.0000, 0.0000, 0.0000



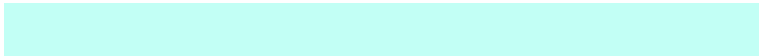
20.3446, 21.4041, 23.3091

Same Dimension

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



49.3992, 58.0831, 64.4856



74.4072, 89.5430, 99.5853



47.1191, 52.1656, 67.9099



12.0702, 13.3718, 14.7261



18.8095, 30.0167, 29.7064



1.0747, 1.6876, 1.7823

Inverse Universe

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



47.7553, 44.2503, 46.0711



71.3868, 64.1144, 65.7418



49.6534, 49.1109, 43.4226



11.8880, 11.8399, 12.6861



16.4227, 8.4419, 1.8662



0.9438, 0.4822, 0.2387

Previews

White Background



This preview shows how the XYZ color 49.3975, 58.0807, 64.4843 looks on a white background.

Color Contrast Check

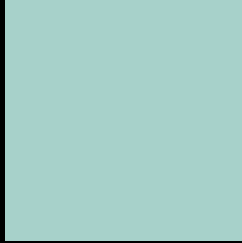
Large Text (above 18pt) WCAG AA × Fail

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 49.3975, 58.0807, 64.4843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

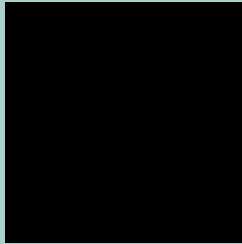
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

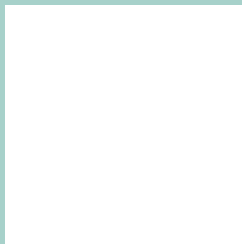
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3975, 58.0807, 64.4843

Background



This preview shows how black text looks on a background with the XYZ color 49.3975, 58.0807, 64.4843.

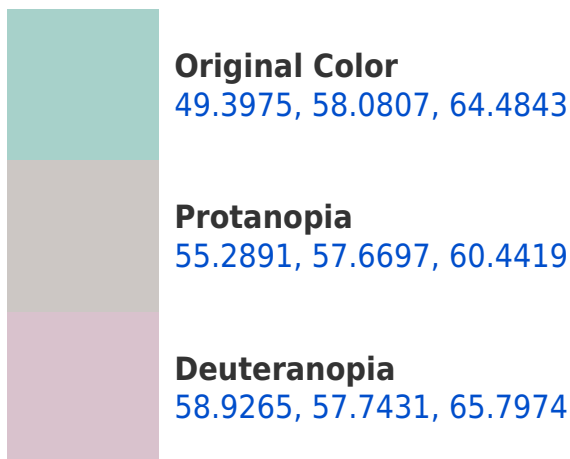


This preview shows how white text looks on a background with the XYZ color 49.3975, 58.0807,

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

52.0507, 58.0745, 77.5734

Trichromacy



Original Color

49.3975, 58.0807, 64.4843

Protanomaly

53.0348, 57.8655, 61.8000

Deuteranomaly

54.8757, 57.3486, 65.3039

Tritanomaly

51.1561, 58.0780, 72.8039

Monochromacy



Original Color

49.3975, 58.0807, 64.4843

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

51.0873, 56.1648, 61.5744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3975, 58.0807, 64.4843 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, 209, 202)` looks like.

```
.text, #text, p{  
    color:rgb(167, 209, 202)  
}
```

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, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 209, 202) }
```

Border

The CSS property to change the border of an element to XYZ 49.3975, 58.0807, 64.4843 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, 209, 202) }
```


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

```
.border{ border-color:rgb(167, 209, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(167, 209,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3975, 58.0807, 64.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 209, 202) }
```

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

```
.background{ background-color: rgb(167,  
209, 202) }
```

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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