

Converting Colors

XYZ(48.8219, 59.0859, 71.7509)

Have a look what the booklet for
XYZ(48.8219, 59.0859, 71.7509)
contains.

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Color

**XYZ(48.7534, 59.0680,
71.7825)**

Conversions

Conversions Part 1

Format	Color
Hex	98D5D5
RGB	152, 213, 213
RGB Percent	60%, 84%, 84%
CMY	0.4039, 0.1647, 0.1647
CMYK	0.29, 0.00, 0.00, 0.16
HSL	180°, 42%, 72%
HSV	180°, 29%, 84%
XYZ	48.7534, 59.0680, 71.7825
YIQ	194.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

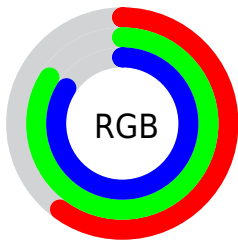
Format	Color
RYB	152, 183, 213
Decimal	10016213
CIELab	81.33, -19.28, -6.26
CIElCh	81, 20.267, 197.986
Yxy	59.0680, 0.2714, 0.3289
Android (android.graphics.Color)	4288206293 (0xFF98D5D5)
YUV	194.7610, 8.9918, -37.5014
Hunter-Lab	76.8557, -21.2661, -1.5773

Details

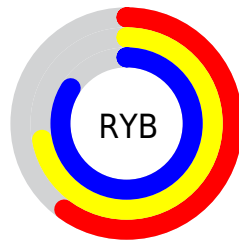
The XYZ color **48.7534, 59.0680, 71.7825** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.3384, 38.8713, 34.8741**, and the grayscale version is **51.6946, 54.3868, 59.2272**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **23.4354, 29.5190, 36.8103** is the 20% darker color. If you saturate the color by 10%, you get **45.1196, 57.1962, 71.6131**, and if you desaturate by 10%, it is **53.1065, 61.3136, 71.9881**.

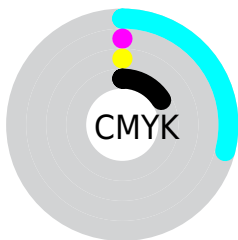
Distribution



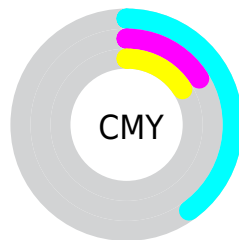
- Red (60%)
- Green (84%)
- Blue (84%)



- Red (60%)
- Yellow (72%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (40%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7534, 59.0680, 71.7825 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 48.7534, 59.0680, 71.7825 by changing the saturation by 10% instead.

 48.7534, 59.0680,
71.7825


 48.7534, 59.0680,
71.7825


372.3038,
421.1539, 485.7414

 34.6376, 42.6679,
52.4953


 87.5280, 103.4765,
123.4521

 23.5491, 29.6246,
37.0150


 112.9176,
132.2536, 156.6715

 15.1224, 19.5538,
24.9233


142.7958,
165.9252, 195.3721

 8.9922, 12.0711,
15.8014

177.5280,
204.8757, 239.9724

 4.7932, 6.7921,
9.2309

217.4795,
249.4894, 290.8910

 2.1599, 3.3325,
4.7932

263.0157,

 0.7215, 1.3077,

300.1507, 348.5463

2.0698

314.5021,
357.2441, 413.3569

■ 0.0000, 0.1471,
0.5977

■ 0.0000, 0.0000,
0.0000

■ 48.7534, 59.0680,
71.7825

■ 48.7534, 59.0680,
71.7825

■ 45.1196, 57.1962,
71.6131

■ 53.1065, 61.3136,
71.9881

■ 42.1617, 55.6714,
71.4741

■ 58.2093, 63.9442,
72.2275

■ 39.8395, 54.4742,
71.3649

■ 64.0966, 66.9792,
72.5036

■ 38.1064, 53.5808,
71.2832

■ 70.7995, 70.4346,
72.8178

36.9095, 52.9638,
71.2266

77.0463, 73.6549,
73.1108

36.1865, 52.5911,
71.1922

77.0464, 73.6550,
73.1113

35.8412, 52.4131,
71.1754

77.0465, 73.6550,
73.1119

35.8049, 52.3944,
71.1737

77.0466, 73.6551,
73.1125

77.0467, 73.6551,
73.1131

Harmonies

Analogous

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



48.5539, 59.0680, 59.5855



48.7534, 59.0680, 71.7825



50.8706, 59.0680, 83.2290

Triad

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



48.7534, 59.0680, 71.7825



62.4075, 59.0680, 81.2067



57.8531, 59.0680, 44.1088

Complementary

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



48.7534, 59.0680, 71.7825



44.3384, 38.8713, 34.8741

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.



61.7663, 59.0680, 48.5083



48.7534, 59.0680, 71.7825



64.4829, 59.0680, 69.2884

Square

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



48.7534, 59.0680, 71.7825



58.6926, 59.0680, 89.1229



64.2425, 59.0680, 57.3842



53.6671, 59.0680, 44.5993

Rectangle

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



48.7534, 59.0680, 71.7825



53.1474, 59.0680, 88.4285



64.2425, 59.0680, 57.3842



59.2478, 59.0680, 45.0396

Sweetspot

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



48.7551, 59.0704, 71.7839



87.1048, 95.9041, 108.5274



42.6036, 56.6318, 38.3926



18.3888, 20.3959, 23.2174



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.



48.7551, 59.0704, 71.7839



70.0218, 87.0976, 107.7257



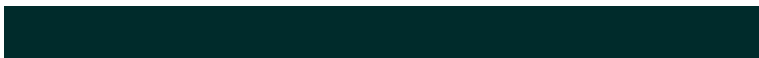
42.0012, 45.5619, 69.5341



12.7922, 14.1079, 15.9863



21.8703, 32.0035, 43.4743



1.3191, 1.9303, 2.6222

Inverse Universe

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



44.3384, 38.8713, 34.8741



62.3943, 52.2146, 43.9841



49.7325, 49.6599, 36.6711



12.4233, 12.4208, 12.9035



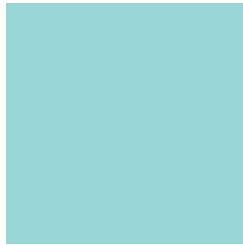
16.7620, 8.6411, 0.7846



1.0110, 0.5212, 0.0474

Previews

White Background



This preview shows how the XYZ color 48.7534, 59.0680, 71.7825 looks on a white background.

Color Contrast Check

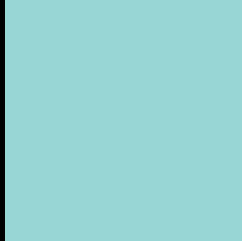
Large Text (above 18pt) WCAG AA × Fail

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 48.7534, 59.0680, 71.7825 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 48.7534, 59.0680, 71.7825

Background



This preview shows how black text looks on a background with the XYZ color 48.7534, 59.0680, 71.7825.

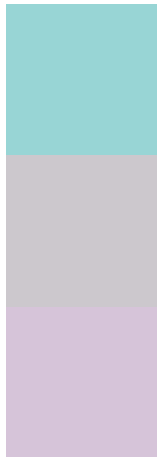


This preview shows how white text looks on a background with the XYZ color 48.7534, 59.0680,

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

48.7534, 59.0680, 71.7825

Protanopia

56.5756, 58.5537, 66.0777

Deuteranopia

59.9959, 58.7858, 73.8303



Tritanopia

50.8154, 59.1585, 82.1393

Trichromacy



Original Color

48.7534, 59.0680, 71.7825

Protanomaly

53.2241, 58.5310, 68.1669

Deuteranomaly

55.0011, 58.2753, 73.3151

Tritanomaly

50.1892, 59.2847, 78.6099

Monochromacy



Original Color

48.7534, 59.0680, 71.7825

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.3716, 56.0890, 64.0485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7534, 59.0680, 71.7825 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(152, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 213)  
}
```

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(152, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 213) }
```

Border

The CSS property to change the border of an element to XYZ 48.7534, 59.0680, 71.7825 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(152, 213, 213) }
```


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

```
.border{ border-color:rgb(152, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7534, 59.0680, 71.7825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 213) }
```

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

```
.background{ background-color: rgb(152,  
213, 213) }
```

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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