

Converting Colors

XYZ(48.1796, 58.7971, 57.6927)

Have a look what the booklet for
XYZ(48.1796, 58.7971, 57.6927)
contains.

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Color

**XYZ(48.1476, 58.6972,
57.5072)**

Conversions

Conversions Part 1

Format	Color
Hex	A4D4BE
RGB	164, 212, 190
RGB Percent	64%, 83%, 75%
CMY	0.3569, 0.1686, 0.2549
CMYK	0.23, 0.00, 0.10, 0.17
HSL	152°, 36%, 74%
HSV	152°, 23%, 83%
XYZ	48.1476, 58.6972, 57.5072
YIQ	195.1400, -21.5460, -17.0180

Conversions

Conversions Part 2

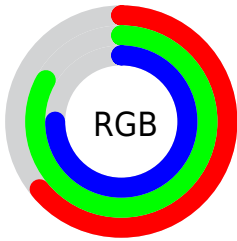
Format	Color
RYB	164, 195, 212
Decimal	10802366
CIELab	81.12, -20.06, 5.79
CIELCh	81, 20.881, 163.898
Yxy	58.6972, 0.2930, 0.3571
Android (android.graphics.Color)	4288992446 (0xFFA4D4BE)
YUV	195.1400, -2.5340, -27.3098
Hunter-Lab	76.6141, -21.8976, 9.1263

Details

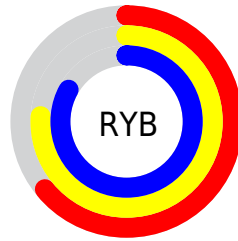
The XYZ color **48.1476, 58.6972, 57.5072** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.2919, 44.0946, 52.3701**, and the grayscale version is **51.9804, 54.6874, 59.5546**.

A 20% lighter version of the original color is **81.9098, 93.3895, 100.8976**, and **23.1279, 29.2996, 28.1033** is the 20% darker color. If you saturate the color by 10%, you get **43.1051, 56.2180, 51.9111**, and if you desaturate by 10%, it is **53.9935, 61.5856, 63.5131**.

Distribution



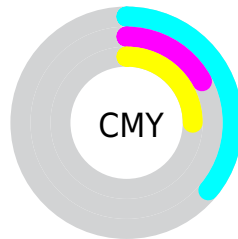
- Red (64%)
- Green (83%)
- Blue (75%)



- Red (64%)
- Yellow (76%)
- Blue (83%)



- Cyan (23%)
- Magenta (0%)
- Yellow (10%)
- Black (17%)





- Cyan (36%)
- Magenta (17%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1476, 58.6972, 57.5072 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 48.1476, 58.6972, 57.5072 by changing the saturation by 10% instead.


 48.1476, 58.6972,
57.5072


 48.1476, 58.6972,
57.5072


369.9497,
419.7789, 432.8940

 34.1555, 42.3694,
41.0005


 86.6325, 102.9374,
102.7126

 23.1766, 29.3907,
27.9998

 111.8560,
131.6187, 132.2483

 14.8453, 19.3765,
18.0865


141.5541,
165.1866, 166.9642

 8.7965, 11.9427,
10.8420

176.0920,
204.0254, 207.2787

 4.6647, 6.7047,
5.8479

215.8352,
248.5197, 253.6104

 2.0846, 3.2781,
2.6855

261.1490,

 0.6808, 1.2786,

299.0538, 306.3778

0.9361

312.3987,
356.0120, 365.9995

■ 0.0000, 0.1245,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 48.1476, 58.6972,
57.5072

■ 48.1476, 58.6972,
57.5072

■ 43.1051, 56.2180,
51.9111

■ 53.9935, 61.5856,
63.5131

■ 38.8236, 54.1214,
46.7120

■ 60.6729, 64.8938,
69.9335

■ 35.2642, 52.3893,
41.9018

■ 68.2202, 68.6409,
76.7779

■ 32.3823, 50.9986,
37.4710

■ 76.6665, 72.8428,
84.0544

■ 30.1280, 49.9241,
33.4093

■ 80.3040, 74.5569,
91.5023

■ 28.4444, 49.1364,
29.7060

■ 81.7756, 75.1456,
99.2515

■ 27.2630, 48.6004,
26.3492

■ 82.8346, 75.5692,
104.8282

■ 26.6292, 48.3230,
24.0917

Harmonies

Analogous

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



50.1994, 58.6972, 48.1853



48.1476, 58.6972, 57.5072



48.0723, 58.6972, 69.8277

Triad

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



48.1476, 58.6972, 57.5072



57.8192, 58.6972, 90.0420



62.0241, 58.6972, 48.7258

Complementary

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



48.1476, 58.6972, 57.5072



49.2919, 44.0946, 52.3701

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.



64.2922, 58.6972, 58.3388



48.1476, 58.6972, 57.5072



61.7808, 58.6972, 82.7330

Square

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



48.1476, 58.6972, 57.5072



53.5065, 58.6972, 89.7433



64.2010, 58.6972, 70.7740



58.1374, 58.6972, 43.5830

Rectangle

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



48.1476, 58.6972, 57.5072



49.1437, 58.6972, 78.1941



64.2010, 58.6972, 70.7740



63.0098, 58.6972, 51.4830

Sweetspot

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



48.1492, 58.6996, 57.5085



87.4956, 96.2545, 101.8161



50.5933, 60.2592, 44.0875



18.5948, 20.5366, 21.6653



0.0000, 0.0000, 0.0000



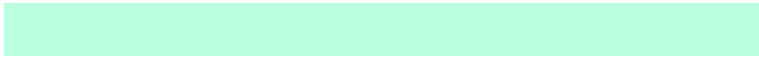
20.3446, 21.4041, 23.3091

Same Dimension

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



48.1492, 58.6996, 57.5085



69.4250, 87.3295, 83.3216



50.3410, 58.9395, 71.0135



12.5409, 14.0074, 14.6628



16.4900, 29.8513, 15.1417



1.0362, 1.8171, 1.1322

Inverse Universe

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



49.2919, 44.0946, 52.3701



71.4473, 61.4878, 74.2326



47.4176, 43.8060, 41.0791



12.6576, 12.5145, 14.1373



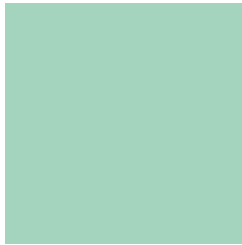
18.1483, 9.1956, 8.0850



1.1361, 0.5712, 0.7062

Previews

White Background



This preview shows how the XYZ color 48.1476, 58.6972, 57.5072 looks on a white background.

Color Contrast Check

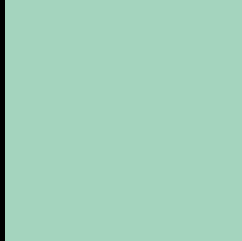
Large Text (above 18pt) WCAG AA × Fail

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 48.1476, 58.6972, 57.5072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

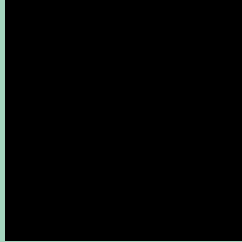
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

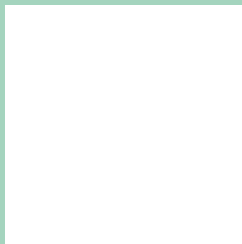
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1476, 58.6972, 57.5072

Background



This preview shows how black text looks on a background with the XYZ color 48.1476, 58.6972, 57.5072.



This preview shows how white text looks on a background with the XYZ color 48.1476, 58.6972,

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

48.1476, 58.6972, 57.5072

Protanopia

55.6005, 58.3246, 53.6747

Deuteranopia

59.4608, 58.1666, 59.1323



Tritanopia

52.3449, 58.5535, 79.0641

Trichromacy



Original Color

48.1476, 58.6972, 57.5072

Protanomaly

52.4481, 58.0684, 54.8984

Deuteranomaly

54.8694, 58.1801, 58.7900

Tritanomaly

50.8326, 58.6792, 70.9344

Monochromacy



Original Color

48.1476, 58.6972, 57.5072

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.2794, 55.8139, 58.5752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1476, 58.6972, 57.5072 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(164, 212, 190)` looks like.

```
.text, #text, p{  
    color:rgb(164, 212, 190)  
}
```

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(164, 212, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 212, 190) }
```

Border

The CSS property to change the border of an element to XYZ 48.1476, 58.6972, 57.5072 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(164, 212, 190) }
```


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

```
.border{ border-color:rgb(164, 212, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 212, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 212, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 212, 190);  
box-shadow:4px 4px 4px 4px rgb(164, 212,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1476, 58.6972, 57.5072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 212, 190) }
```

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

```
.background{ background-color: rgb(164,  
212, 190) }
```

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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