

Converting Colors

XYZ(48.4876, 57.3771, 70.8074)

Have a look what the booklet for
XYZ(48.4876, 57.3771, 70.8074)
contains.

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Color

**XYZ(48.5888, 57.5225,
70.8294)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9DD1D4 |
| RGB | 157, 209, 212 |
| RGB Percent | 62%, 82%, 83% |
| CMY | 0.3843, 0.1804, 0.1686 |
| CMYK | 0.26, 0.01, 0.00, 0.17 |
| HSL | 183°, 39%, 72% |
| HSV | 183°, 26%, 83% |
| XYZ | 48.5888, 57.5225, 70.8294 |
| YIQ | 193.7940, -31.9550, -10.0910 |

Conversions

Conversions Part 2

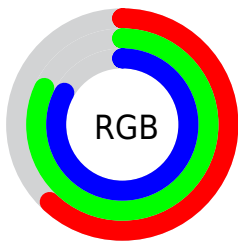
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 157, 184, 212 |
| Decimal | 10342868 |
| CIELab | 80.47, -16.04, -6.96 |
| CIELCh | 80, 17.482, 203.464 |
| Yxy | 57.5225, 0.2746, 0.3251 |
| Android (android.graphics.Color) | 4288532948 (0xFF9DD1D4) |
| YUV | 193.7940, 8.9756, -32.2683 |
| Hunter-Lab | 75.8436, -18.3712, -2.2797 |

Details

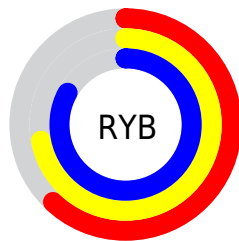
The XYZ color **48.5888, 57.5225, 70.8294** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8087, 41.5734, 37.5097**, and the grayscale version is **51.1199, 53.7822, 58.5688**.

A 20% lighter version of the original color is **81.2506, 92.8861, 108.2542**, and **23.3503, 28.4886, 36.1664** is the 20% darker color. If you saturate the color by 10%, you get **44.5242, 55.0092, 70.5595**, and if you desaturate by 10%, it is **53.3765, 60.4145, 71.1362**.

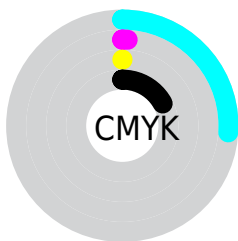
Distribution



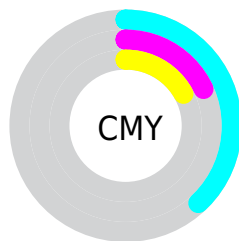
- Red (62%)
- Green (82%)
- Blue (83%)



- Red (62%)
- Yellow (72%)
- Blue (83%)



- Cyan (26%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)



- Cyan (38%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.5888, 57.5225, 70.8294 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 48.5888, 57.5225, 70.8294 by changing the saturation by 10% instead.

■ 48.5888, 57.5225,
70.8294

■ 48.5888, 57.5225,
70.8294

371.6651,
415.4043, 482.3244

■ 34.5066, 41.4249,
51.7220

■ 87.2848, 101.2272,
122.0830

■ 23.4478, 28.6512,
36.4028

■ 112.6294,
129.6030, 155.0662

■ 15.0470, 18.8171,
24.4533

142.4587,
162.8404, 193.5118

■ 8.9389, 11.5382,
15.4549

177.1382,
201.3238, 237.8384

■ 4.7581, 6.4301,
8.9891

217.0333,
245.4374, 288.4644

■ 2.1394, 3.1083,
4.6374

262.5092,

■ 0.7105, 1.1885,

295.5658, 345.8083

1.9811

313.9314,
352.0933, 410.2888

■ 0.0000, 0.0523,
0.5436

■ 0.0000, 0.0000,
0.0000

■ 48.5888, 57.5225,
70.8294

■ 48.5888, 57.5225,
70.8294

■ 44.5242, 55.0092,
70.5595

■ 53.3765, 60.4145,
71.1362

■ 41.1405, 52.8486,
70.3208

■ 58.9167, 63.6960,
71.4776

■ 38.3991, 51.0221,
70.1127

■ 65.2432, 67.3859,
71.8564

■ 36.2553, 49.5068,
69.9332

■ 72.3863, 71.4999,
72.2740

■ 34.6588, 48.2766,
69.7799

■ 77.3686, 74.5030,
72.5911

■ 33.5508, 47.3012,
69.6500

■ 77.6634, 75.0927,
72.6893

■ 32.8586, 46.5432,
69.5402

■ 77.9604, 75.6866,
72.7883

■ 32.6419, 46.2696,
69.4988

■ 78.2594, 76.2847,
72.8880

■ 78.5606, 76.8870,
72.9884

Harmonies

Analogous

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



48.1048, 57.5225, 60.4112



48.5888, 57.5225, 70.8294



50.6702, 57.5225, 79.8777

Triad

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



48.5888, 57.5225, 70.8294



60.4032, 57.5225, 75.1399



55.4620, 57.5225, 44.9894

Complementary

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



48.5888, 57.5225, 70.8294



45.8087, 41.5734, 37.5097

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.



58.8821, 57.5225, 48.0668



48.5888, 57.5225, 70.8294



61.8144, 57.5225, 64.9070

Square

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



48.5888, 57.5225, 70.8294



57.4653, 57.5225, 82.5504



61.2459, 57.5225, 55.0932



51.9734, 57.5225, 46.2071

Rectangle

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



48.5888, 57.5225, 70.8294



52.7342, 57.5225, 83.5356



61.2459, 57.5225, 55.0932



56.6596, 57.5225, 45.5438

Sweetspot

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



48.5905, 57.5248, 70.8307



87.5854, 95.6268, 108.4493



43.7726, 56.7855, 41.7981



18.4651, 20.3017, 23.1954



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.



48.5905, 57.5248, 70.8307



70.3442, 85.2462, 107.3544



42.4663, 45.2764, 68.7893



12.7315, 13.9865, 15.9662



20.1756, 28.6130, 42.9126



1.2350, 1.7620, 2.5943

Inverse Universe

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



50.7184, 42.7158, 65.8960



74.1196, 59.2367, 98.5395



51.0617, 52.0794, 39.2607



12.9224, 12.6205, 15.5318



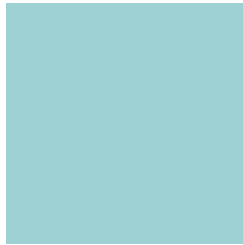
23.2426, 11.2333, 34.9110



1.4110, 0.6812, 2.1538

Previews

White Background



This preview shows how the XYZ color 48.5888, 57.5225, 70.8294 looks on a white background.

Color Contrast Check

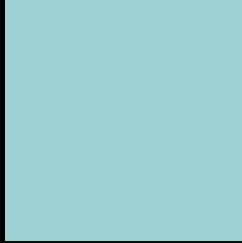
Large Text (above 18pt) WCAG AA × Fail

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 48.5888, 57.5225, 70.8294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

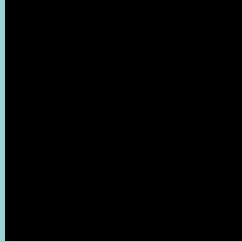
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5888, 57.5225, 70.8294

Background



This preview shows how black text looks on a background with the XYZ color 48.5888, 57.5225, 70.8294.



This preview shows how white text looks on a background with the XYZ color 48.5888, 57.5225,

70.8294.

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

48.5888, 57.5225, 70.8294

Protanopia

55.3009, 57.2135, 65.8862

Deuteranopia

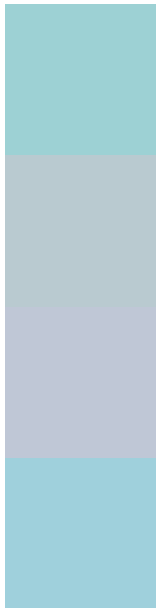
58.1997, 56.8951, 72.2044



Tritanopia

50.2646, 57.4810, 78.9667

Trichromacy



Original Color

48.5888, 57.5225, 70.8294

Protanomaly

52.5133, 57.1094, 67.9300

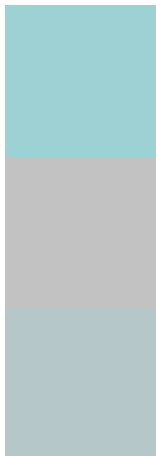
Deuteranomaly

54.0469, 56.7783, 71.7291

Tritanomaly

49.7722, 57.6500, 76.2144

Monochromacy



Original Color

48.5888, 57.5225, 70.8294

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.0221, 54.8877, 63.2163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5888, 57.5225, 70.8294 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(157, 209, 212)` looks like.

```
.text, #text, p{  
    color:rgb(157, 209, 212)  
}
```

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(157, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 209, 212) }
```

Border

The CSS property to change the border of an element to XYZ 48.5888, 57.5225, 70.8294 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(157, 209, 212) }
```


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

```
.border{ border-color:rgb(157, 209, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 209, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(157, 209,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5888, 57.5225, 70.8294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 209, 212) }
```

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

```
.background{ background-color: rgb(157,  
209, 212) }
```

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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