

Converting Colors

XYZ(48.2789, 56.9522, 67.9279)

Have a look what the booklet for
XYZ(48.2789, 56.9522, 67.9279)
contains.

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Color

**XYZ(48.4382, 57.1394,
68.1505)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D0D0
RGB	160, 208, 208
RGB Percent	63%, 82%, 82%
CMY	0.3725, 0.1843, 0.1843
CMYK	0.23, 0.00, 0.00, 0.18
HSL	180°, 34%, 72%
HSV	180°, 23%, 82%
XYZ	48.4382, 57.1394, 68.1505
YIQ	193.6480, -28.6080, -10.1760

Conversions

Conversions Part 2

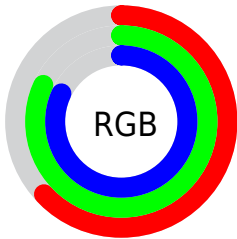
Format	Color
RYB	160, 184, 208
Decimal	10539216
CIELab	80.26, -15.52, -5.12
CIELCh	80, 16.347, 198.246
Yxy	57.1394, 0.2788, 0.3289
Android (android.graphics.Color)	4288729296 (0xFFA0D0D0)
YUV	193.6480, 7.0755, -29.5093
Hunter-Lab	75.5906, -17.9014, -0.5409

Details

The XYZ color **48.4382, 57.1394, 68.1505** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.9304, 41.0911, 38.8233**, and the grayscale version is **51.0431, 53.7013, 58.4808**.

A 20% lighter version of the original color is **82.1289, 93.3389, 108.2953**, and **23.4517, 28.5701, 34.8504** is the 20% darker color. If you saturate the color by 10%, you get **44.6233, 55.1742, 67.9724**, and if you desaturate by 10%, it is **52.9522, 59.4679, 68.3637**.

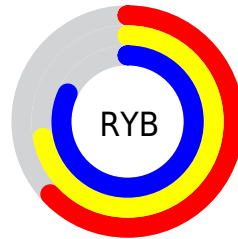
Distribution



Red (63%)

Green (82%)

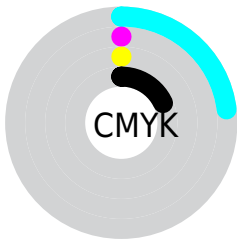
Blue (82%)



Red (63%)

Yellow (72%)

Blue (82%)

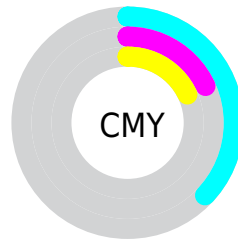


Cyan (23%)

Magenta (0%)

Yellow (0%)

Black (18%)



Cyan (37%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4382, 57.1394, 68.1505 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 48.4382, 57.1394, 68.1505 by changing the saturation by 10% instead.


 48.4382, 57.1394,
68.1505


 48.4382, 57.1394,
68.1505


371.0802,
413.9715, 472.6416

 34.3867, 41.1172,
49.5527


 87.0622, 100.6686,
118.2237

 23.3551, 28.4107,
34.6895


 112.3655,
128.9443, 150.5361

 14.9781, 18.6354,
23.1421


142.1501,
162.0733, 188.2573

 8.8902, 11.4072,
14.4922

176.7814,
200.4400, 231.8056

 4.7262, 6.3414,
8.3211

216.6246,
244.4288, 281.5996

 2.1206, 3.0538,
4.2104

262.0453,

 0.7004, 1.1599,

294.4240, 338.0580

1.7415

313.4087,
350.8101, 401.5991

■ 0.0000, 0.0286,
0.3889

■ 0.0000, 0.0000,
0.0000

■ 48.4382, 57.1394,
68.1505

■ 48.4382, 57.1394,
68.1505

■ 44.6233, 55.1742,
67.9724

■ 52.9522, 59.4679,
68.3637

■ 41.4678, 53.5475,
67.8239

■ 58.1924, 62.1693,
68.6098

■ 38.9358, 52.2423,
67.7047

■ 64.1906, 65.2615,
68.8913

■ 36.9861, 51.2372,
67.6126

■ 70.9754, 68.7591,
69.2096

■ 35.5724, 50.5084,
67.5457

■ 75.1830, 70.9282,
69.4073

■ 34.6413, 50.0284,
67.5014

■ 75.1831, 70.9283,
69.4080

■ 34.1285, 49.7641,
67.4766

■ 75.1833, 70.9283,
69.4088

■ 33.9411, 49.6675,
67.4673

■ 75.1834, 70.9284,
69.4096

■ 75.1836, 70.9285,
69.4104

Harmonies

Analogous

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



48.2641, 57.1394, 58.5449



48.4382, 57.1394, 68.1505



50.1458, 57.1394, 76.9622

Triad

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



48.4382, 57.1394, 68.1505



59.2402, 57.1394, 75.2780



55.6274, 57.1394, 45.8965

Complementary

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



48.4382, 57.1394, 68.1505



44.9304, 41.0911, 38.8233

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.



58.6971, 57.1394, 49.4835



48.4382, 57.1394, 68.1505



60.8393, 57.1394, 66.0356

Square

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



48.4382, 57.1394, 68.1505



56.3440, 57.1394, 81.3587



60.6366, 57.1394, 56.6347



52.3241, 57.1394, 46.3379

Rectangle

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



48.4382, 57.1394, 68.1505



51.9648, 57.1394, 80.8994



60.6366, 57.1394, 56.6347



56.7232, 57.1394, 46.6548

Sweetspot

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



48.4399, 57.1417, 68.1518



88.7850, 96.7703, 108.6059



43.5604, 55.2085, 41.6191



18.8940, 20.6563, 23.2410



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.



48.4399, 57.1417, 68.1518



73.4808, 88.8807, 107.8871



43.1911, 46.6437, 66.4039



12.1584, 13.4071, 15.1905



21.1530, 30.9541, 42.0475



1.1828, 1.7308, 2.3511

Inverse Universe

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



44.9304, 41.0911, 38.8233



66.9078, 58.8191, 52.9570



49.3344, 49.8995, 40.2901



11.8088, 11.8083, 12.2690



16.2125, 8.3578, 0.7590



0.9065, 0.4673, 0.0425

Previews

White Background



This preview shows how the XYZ color 48.4382, 57.1394, 68.1505 looks on a white background.

Color Contrast Check

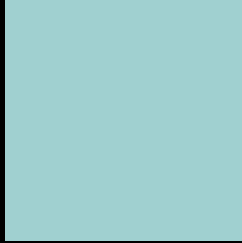
Large Text (above 18pt) WCAG AA × Fail

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 48.4382, 57.1394, 68.1505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

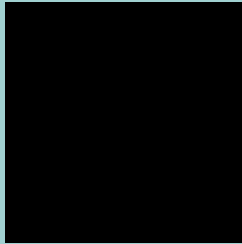
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4382, 57.1394, 68.1505

Background



This preview shows how black text looks on a background with the XYZ color 48.4382, 57.1394, 68.1505.

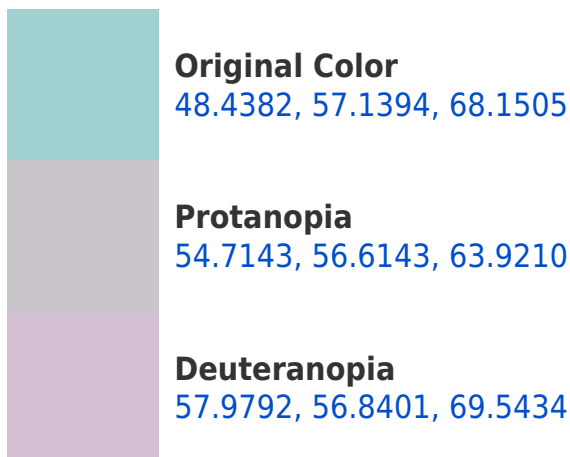


This preview shows how white text looks on a background with the XYZ color 48.4382, 57.1394,

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

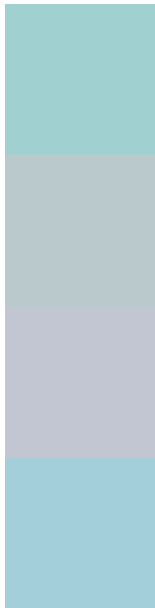




Tritanopia

50.3604, 57.2031, 77.4943

Trichromacy



Original Color

48.4382, 57.1394, 68.1505

Protanomaly

52.0354, 56.5720, 65.3037

Deuteranomaly

53.8193, 56.3788, 69.0184

Tritanomaly

49.7375, 57.3168, 74.0874

Monochromacy



Original Color

48.4382, 57.1394, 68.1505

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

50.0236, 54.9155, 61.9960

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4382, 57.1394, 68.1505 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(160, 208, 208)` looks like.

```
.text, #text, p{  
    color:rgb(160, 208, 208)  
}
```

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(160, 208, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 208, 208) }
```

Border

The CSS property to change the border of an element to XYZ 48.4382, 57.1394, 68.1505 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(160, 208, 208) }
```


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

```
.border{ border-color:rgb(160, 208, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 208, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 208, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 208, 208);  
box-shadow:4px 4px 4px 4px rgb(160, 208,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4382, 57.1394, 68.1505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 208, 208) }
```

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

```
.background{ background-color: rgb(160,  
208, 208) }
```

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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