

Converting Colors

XYZ(46.4363, 57.0789, 74.6207)

Have a look what the booklet for
XYZ(46.4363, 57.0789, 74.6207)
contains.

XYZ(46.4304, 57.0538, 74.8950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.4304, 57.0538,
74.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD3DA
RGB	138, 211, 218
RGB Percent	54%, 83%, 85%
CMY	0.4588, 0.1725, 0.1451
CMYK	0.37, 0.03, 0.00, 0.15
HSL	185°, 52%, 70%
HSV	185°, 37%, 85%
XYZ	46.4304, 57.0538, 74.8950
YIQ	189.9710, -45.7550, -13.2990

Conversions

Conversions Part 2

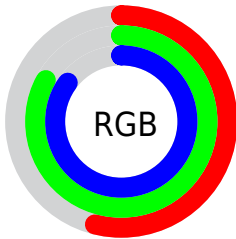
Format	Color
RYB	138, 176, 218
Decimal	9098202
CIELab	80.21, -20.91, -10.67
CIELCh	80, 23.477, 207.026
Yxy	57.0538, 0.2603, 0.3198
Android (android.graphics.Color)	4287288282 (0xFF8AD3DA)
YUV	189.9710, 13.8183, -45.5786
Hunter-Lab	75.5340, -22.4613, -5.9147

Details

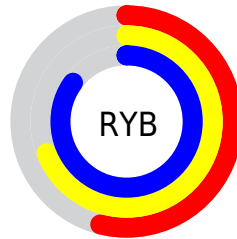
The XYZ color **46.4304, 57.0538, 74.8950** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.6271, 36.9918, 28.8868**, and the grayscale version is **48.8701, 51.4152, 55.9911**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **22.0666, 28.2603, 38.9421** is the 20% darker color. If you saturate the color by 10%, you get **42.7089, 54.4375, 74.5871**, and if you desaturate by 10%, it is **50.8849, 60.0590, 75.2413**.

Distribution



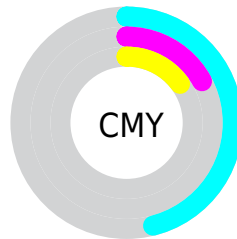
- Red (54%)
- Green (83%)
- Blue (85%)



- Red (54%)
- Yellow (69%)
- Blue (85%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (46%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.4304, 57.0538, 74.8950 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 46.4304, 57.0538, 74.8950 by changing the saturation by 10% instead.

■ 46.4304, 57.0538,
74.8950

■ 46.4304, 57.0538,
74.8950

363.2233,
413.6509, 496.8024

■ 32.7916, 41.0484,
55.0257

■ 84.0867, 100.5437,
127.9094

■ 22.1254, 28.3569,
39.0235

■ 108.8349,
128.7970, 161.8916

■ 14.0662, 18.5949,
26.4701

■ 138.0171,
161.9017, 201.4152

■ 8.2487, 11.3779,
16.9467

171.9984,
200.2423, 246.8987

■ 4.3076, 6.3216,
10.0349

211.1444,
244.2031, 298.7606

■ 1.8776, 3.0416,
5.3162

255.8203,

■ 0.5638, 1.1535,

294.1686, 357.4195

2.3720

306.3915,
350.5230, 423.2939

■ 0.0000, 0.0232,
0.7711

■ 0.0000, 0.0000,
0.0000

■ 46.4304, 57.0538,
74.8950

■ 46.4304, 57.0538,
74.8950

■ 42.7089, 54.4375,
74.5871

■ 50.8849, 60.0590,
75.2413

■ 39.6715, 52.1809,
74.3116

■ 56.1071, 63.4670,
75.6238

■ 37.2719, 50.2613,
74.0676

■ 62.1357, 67.2991,
76.0458

■ 35.4553, 48.6505,
73.8524

■ 69.0055, 71.5733,
76.5087

■ 34.1581, 47.3158,
73.6632

■ 76.7490, 76.3064,
77.0141

■ 33.2983, 46.2147,
73.4960

■ 80.1348, 78.8014,
77.3173

■ 33.0630, 45.8778,
73.4433

■ 80.6455, 79.8228,
77.4875

■ 81.1619, 80.8557,
77.6597

■ 81.6841, 81.9002,
77.8337

Harmonies

Analogous

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



45.5404, 57.0538, 60.7636



46.4304, 57.0538, 74.8950



49.3682, 57.0538, 86.9815

Triad

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



46.4304, 57.0538, 74.8950



62.3272, 57.0538, 77.6119



54.7071, 57.0538, 39.3282

Complementary

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



46.4304, 57.0538, 74.8950



43.6271, 36.9918, 28.8868

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.



59.3966, 57.0538, 42.5171



46.4304, 57.0538, 74.8950



63.9554, 57.0538, 63.5003

Square

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



46.4304, 57.0538, 74.8950



58.5216, 57.0538, 88.7053



62.8530, 57.0538, 50.8905



50.1496, 57.0538, 41.4632

Rectangle

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



46.4304, 57.0538, 74.8950



52.1864, 57.0538, 91.5336



62.8530, 57.0538, 50.8905



56.3220, 57.0538, 39.8003

Sweetspot

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



46.4321, 57.0560, 74.8963



84.6950, 93.5073, 108.1925



40.6390, 57.5813, 35.6272



17.8768, 19.8546, 23.1401



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.



46.4321, 57.0560, 74.8963



62.0517, 78.4590, 106.4814



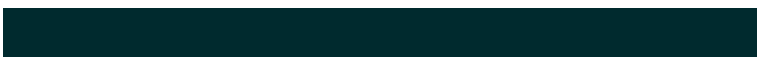
37.7633, 39.7185, 72.0067



13.3424, 14.6246, 16.7717



19.8481, 27.5657, 44.0130



1.3151, 1.8443, 2.8611

Inverse Universe

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



49.7612, 37.7869, 66.3015



67.5423, 47.4488, 92.1336



50.7813, 51.3003, 31.2716



13.5627, 13.2542, 16.2244



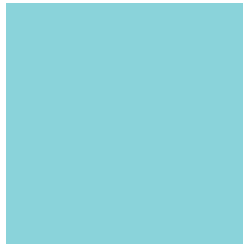
23.5138, 11.4065, 33.4151



1.5381, 0.7449, 2.2424

Previews

White Background



This preview shows how the XYZ color 46.4304, 57.0538, 74.8950 looks on a white background.

Color Contrast Check

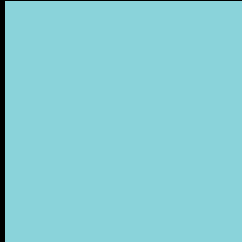
Large Text (above 18pt) WCAG AA × Fail

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 46.4304, 57.0538, 74.8950 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 46.4304, 57.0538, 74.8950

Background



This preview shows how black text looks on a background with the XYZ color 46.4304, 57.0538, 74.8950.



This preview shows how white text looks on a background with the XYZ color 46.4304, 57.0538,

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

46.4304, 57.0538, 74.8950

Protanopia

54.7636, 56.5417, 68.3489

Deuteranopia

57.7084, 56.5357, 76.9782



Tritanopia

47.7269, 57.2147, 81.2011

Trichromacy



Original Color

46.4304, 57.0538, 74.8950

Protanomaly

50.9087, 56.2246, 70.4566

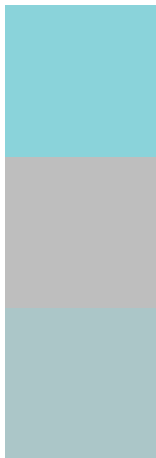
Deuteranomaly

52.7615, 56.3528, 76.5030

Tritanomaly

47.1486, 56.9640, 79.0312

Monochromacy



Original Color

46.4304, 57.0538, 74.8950

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.4140, 53.2162, 62.4164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.4304, 57.0538, 74.8950 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(138, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(138, 211, 218)  
}
```

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(138, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 211, 218) }
```

Border

The CSS property to change the border of an element to XYZ 46.4304, 57.0538, 74.8950 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(138, 211, 218) }
```


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

```
.border{ border-color:rgb(138, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(138, 211,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 46.4304, 57.0538, 74.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 211, 218) }
```

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

```
.background{ background-color: rgb(138,  
211, 218) }
```

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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