

Converting Colors

XYZ(46.4851, 56.9453, 75.4073)

Have a look what the booklet for
XYZ(46.4851, 56.9453, 75.4073)
contains.

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Color

**XYZ(46.5617, 57.1063,
75.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	8AD3DB
RGB	138, 211, 219
RGB Percent	54%, 83%, 86%
CMY	0.4588, 0.1725, 0.1412
CMYK	0.37, 0.04, 0.00, 0.14
HSL	186°, 53%, 70%
HSV	186°, 37%, 86%
XYZ	46.5617, 57.1063, 75.5864
YIQ	190.0850, -46.0760, -12.9880

Conversions

Conversions Part 2

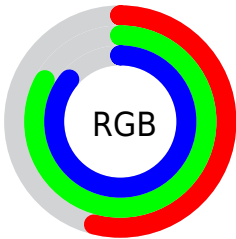
Format	Color
RYB	138, 176, 219
Decimal	9098203
CIELab	80.24, -20.67, -11.16
CIELCh	80, 23.490, 208.363
Yxy	57.1063, 0.2598, 0.3186
Android (android.graphics.Color)	4287288283 (0xFF8AD3DB)
YUV	190.0850, 14.2551, -45.6785
Hunter-Lab	75.5687, -22.2624, -6.4058

Details

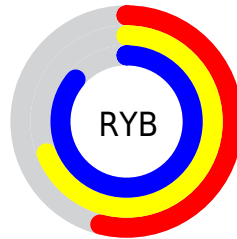
The XYZ color **46.5617, 57.1063, 75.5864** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0806, 37.4535, 28.9521**, and the grayscale version is **48.9334, 51.4818, 56.0636**.

A 20% lighter version of the original color is **76.0581, 90.2093, 108.0112**, and **22.1566, 28.2963, 39.4159** is the 20% darker color. If you saturate the color by 10%, you get **42.7642, 54.3578, 75.2570**, and if you desaturate by 10%, it is **51.1004, 60.2504, 75.9550**.

Distribution



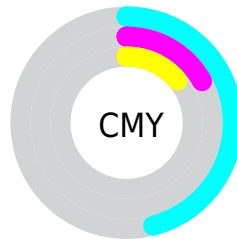
- Red (54%)
- Green (83%)
- Blue (86%)



- Red (54%)
- Yellow (69%)
- Blue (86%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.5617, 57.1063, 75.5864 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 46.5617, 57.1063, 75.5864 by changing the saturation by 10% instead.

■ 46.5617, 57.1063,
75.5864

■ 46.5617, 57.1063,
75.5864

363.7405,
413.8475, 499.2398

■ 32.8958, 41.0906,
55.5888

■ 84.2817, 100.6203,
128.8968

■ 22.2055, 28.3899,
39.4716

■ 109.0666,
128.8873, 163.0467

■ 14.1254, 18.6198,
26.8161

■ 138.2884,
162.0070, 202.7511

■ 8.2902, 11.3959,
17.2040

172.3127,
200.3636, 248.4286

■ 4.3346, 6.3338,
10.2165

211.5046,
244.3415, 300.4976

■ 1.8931, 3.0491,
5.4353

256.2297,

■ 0.5728, 1.1574,

294.3252, 359.3768

2.4417

306.8532,
350.6991, 425.4847

■ 0.0000, 0.0265,
0.8090

■ 0.0000, 0.0000,
0.0000

■ 46.5617, 57.1063,
75.5864

■ 46.5617, 57.1063,
75.5864

■ 42.7642, 54.3578,
75.2570

■ 51.1004, 60.2504,
75.9550

■ 39.6585, 51.9753,
74.9608

■ 56.4157, 63.8042,
76.3608

■ 37.1974, 49.9357,
74.6969

■ 62.5468, 67.7893,
76.8069

■ 35.3255, 48.2104,
74.4625

■ 69.5287, 72.2240,
77.2949

■ 33.9779, 46.7660,
74.2548

■ 77.3946, 77.1253,
77.8264

■ 33.0698, 45.5588,
74.0696

■ 80.6762, 79.6741,
78.1454

■ 32.8384, 45.2187,
74.0161

■ 81.2610, 80.8437,
78.3403

■ 81.8532, 82.0282,
78.5377

■ 82.4529, 83.2276,
78.7376

Harmonies

Analogous

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



45.5729, 57.1063, 61.4277



46.5617, 57.1063, 75.5864



49.5835, 57.1063, 87.4803

Triad

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



46.5617, 57.1063, 75.5864



62.5127, 57.1063, 77.0845



54.5417, 57.1063, 39.3419

Complementary

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



46.5617, 57.1063, 75.5864



44.0806, 37.4535, 28.9521

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.



59.2594, 57.1063, 42.2973



46.5617, 57.1063, 75.5864



64.0262, 57.1063, 62.9365

Square

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



46.5617, 57.1063, 75.5864



58.7770, 57.1063, 88.4309



62.8025, 57.1063, 50.4590



50.0143, 57.1063, 41.7165

Rectangle

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



46.5617, 57.1063, 75.5864



52.4391, 57.1063, 91.7952



62.8025, 57.1063, 50.4590



56.1590, 57.1063, 39.7353

Sweetspot

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



46.5634, 57.1085, 75.5877



84.5956, 93.3084, 108.1594



40.9056, 58.1041, 35.7478



17.8530, 19.8068, 23.1321



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.



46.5634, 57.1085, 75.5877



61.6702, 77.6959, 106.3542



37.9737, 39.9291, 72.7245



13.3293, 14.5983, 16.7674



19.5169, 26.9032, 43.9026



1.2969, 1.8079, 2.8551

Inverse Universe

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



50.0612, 37.9416, 66.3155



67.3497, 47.3718, 91.1194



51.2034, 51.6990, 31.3263



13.5561, 13.2515, 16.1895



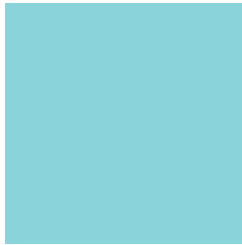
23.3466, 11.3397, 32.5346



1.5289, 0.7412, 2.1941

Previews

White Background



This preview shows how the XYZ color 46.5617, 57.1063, 75.5864 looks on a white background.

Color Contrast Check

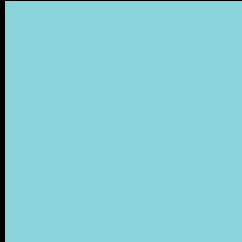
Large Text (above 18pt) WCAG AA × Fail

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 46.5617, 57.1063, 75.5864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

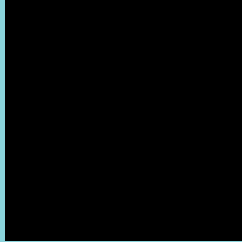
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.5617, 57.1063, 75.5864

Background



This preview shows how black text looks on a background with the XYZ color 46.5617, 57.1063, 75.5864.

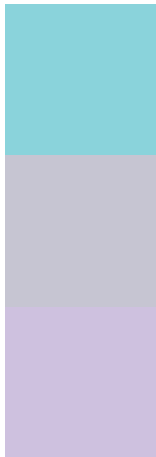


This preview shows how white text looks on a background with the XYZ color 46.5617, 57.1063,

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

46.5617, 57.1063, 75.5864

Protanopia

54.8878, 56.5914, 69.0031

Deuteranopia

57.8428, 56.5895, 77.6862



Tritanopia

47.7269, 57.2147, 81.2011

Trichromacy



Original Color

46.5617, 57.1063, 75.5864

Protanomaly

51.0353, 56.2753, 71.1232

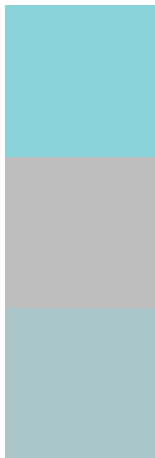
Deuteranomaly

52.8951, 56.4062, 77.2069

Tritanomaly

47.1486, 56.9640, 79.0312

Monochromacy



Original Color

46.5617, 57.1063, 75.5864

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

47.5313, 53.2631, 63.0340

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5617, 57.1063, 75.5864 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(138, 211, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 211, 219) }
```

Border

The CSS property to change the border of an element to XYZ 46.5617, 57.1063, 75.5864 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, 219) }
```


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

```
.border{ border-color:rgb(138, 211, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 211, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 211, 219);  
box-shadow:4px 4px 4px 4px rgb(138, 211,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5617, 57.1063, 75.5864 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, 219) }
```

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

```
.background{ background-color: rgb(138,  
211, 219) }
```

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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