

Converting Colors

XYZ(48.2596, 58.6533, 79.7880)

Have a look what the booklet for
XYZ(48.2596, 58.6533, 79.7880)
contains.

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Color

**XYZ(48.3694, 58.6875,
80.0126)**

Conversions

Conversions Part 1

Format	Color
Hex	8DD5E1
RGB	141, 213, 225
RGB Percent	55%, 84%, 88%
CMY	0.4470, 0.1647, 0.1176
CMYK	0.37, 0.05, 0.00, 0.12
HSL	189°, 58%, 72%
HSV	189°, 37%, 88%
XYZ	48.3694, 58.6875, 80.0126
YIQ	192.8400, -46.7640, -11.5320

Conversions

Conversions Part 2

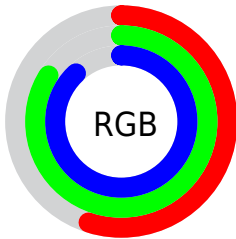
Format	Color
RYB	141, 180, 225
Decimal	9295329
CIELab	81.12, -19.43, -13.03
CIELCh	81, 23.394, 213.855
Yxy	58.6875, 0.2586, 0.3137
Android (android.graphics.Color)	4287485409 (0xFF8DD5E1)
YUV	192.8400, 15.8549, -45.4637
Hunter-Lab	76.6078, -21.3604, -8.2997

Details

The XYZ color **48.3694, 58.6875, 80.0126** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.2512, 40.7139, 30.5690**, and the grayscale version is **50.5256, 53.1569, 57.8879**.

A 20% lighter version of the original color is **77.0987, 90.7458, 108.0599**, and **23.3203, 29.3344, 42.4632** is the 20% darker color. If you saturate the color by 10%, you get **44.1254, 55.3128, 79.5859**, and if you desaturate by 10%, it is **53.4101, 62.4995, 80.4837**.

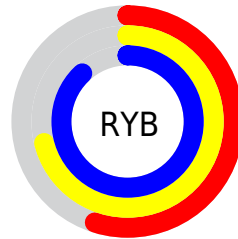
Distribution



Red (55%)

Green (84%)

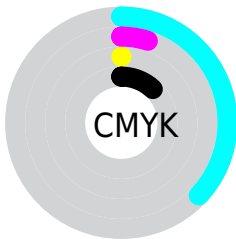
Blue (88%)



Red (55%)

Yellow (71%)

Blue (88%)

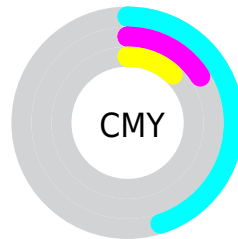


Cyan (37%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (45%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3694, 58.6875, 80.0126 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 48.3694, 58.6875, 80.0126 by changing the saturation by 10% instead.

■ 48.3694, 58.6875,
80.0126

■ 48.3694, 58.6875,
80.0126

370.8127,
419.7429, 514.6832

■ 34.3320, 42.3616,
59.2025

■ 86.9605, 102.9233,
135.1950

■ 23.3128, 29.3845,
42.3551

■ 112.2449,
131.6021, 170.4044

■ 14.9466, 19.3719,
29.0518

142.0091,
165.1672, 211.2506

■ 8.8680, 11.9393,
18.8741

176.6182,
204.0032, 258.1522

■ 4.7116, 6.7024,
11.4034

216.4378,
248.4943, 311.5277

■ 2.1121, 3.2767,
6.2213

261.8332,

■ 0.6958, 1.2778,

299.0250, 371.7957

2.9092

313.1697,
355.9798, 439.3747

■ 0.0000, 0.1239,
1.0484

■ 0.0000, 0.0000,
0.0000

■ 48.3694, 58.6875,
80.0126

■ 48.3694, 58.6875,
80.0126

■ 44.1254, 55.3128,
79.5859

■ 53.4101, 62.4995,
80.4837

■ 40.6254, 52.3439,
79.1973

■ 59.2857, 66.7643,
80.9972

■ 37.8184, 49.7559,
78.8457

■ 66.0382, 71.5053,
81.5564

■ 35.6450, 47.5178,
78.5283

■ 73.7052, 76.7419,
82.1631

■ 34.0351, 45.5934,
78.2417

■ 82.3221, 82.4926,
82.8189

■ 32.8958, 43.9347,
77.9816

■ 83.7681, 84.5708,
83.1439

■ 32.6307, 43.5161,
77.9148

■ 84.6825, 86.3997,
83.4487

■ 85.6136, 88.2618,
83.7590

■ 86.5613, 90.1574,
84.0750

Harmonies

Analogous

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



46.9607, 58.6875, 65.7184



48.3694, 58.6875, 80.0126



51.7606, 58.6875, 91.0844

Triad

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



48.3694, 58.6875, 80.0126



64.6038, 58.6875, 76.4438



55.1543, 58.6875, 40.7304

Complementary

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



48.3694, 58.6875, 80.0126



47.2512, 40.7139, 30.5690

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.



60.0038, 58.6875, 42.7476



48.3694, 58.6875, 80.0126



65.6412, 58.6875, 62.1169

Square

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



48.3694, 58.6875, 80.0126



61.1544, 58.6875, 88.8227



63.9129, 58.6875, 50.1114



50.7314, 58.6875, 44.1398

Rectangle

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



48.3694, 58.6875, 80.0126



54.7856, 58.6875, 94.3997



63.9129, 58.6875, 50.1114



56.7878, 58.6875, 40.7996

Sweetspot

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



48.3712, 58.6898, 80.0140



84.2080, 92.5331, 108.0302



43.5949, 61.7879, 39.4218



17.7600, 19.6208, 23.1011



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.



48.3712, 58.6898, 80.0140



59.6598, 74.3221, 105.8089



39.2910, 40.5295, 76.9872



13.9410, 15.2211, 17.5909



18.8690, 25.2075, 44.9194



1.3542, 1.8399, 3.1290

Inverse Universe

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



52.5879, 39.8630, 67.8760



66.1771, 46.2983, 86.8082



55.1966, 56.6047, 33.2174



14.2064, 13.9002, 16.8572



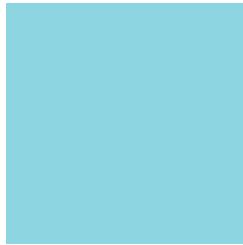
23.4644, 11.4528, 30.1749



1.6498, 0.8032, 2.2147

Previews

White Background



This preview shows how the XYZ color 48.3694, 58.6875, 80.0126 looks on a white background.

Color Contrast Check

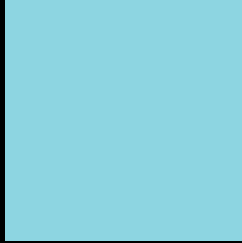
Large Text (above 18pt) WCAG AA × Fail

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 48.3694, 58.6875, 80.0126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

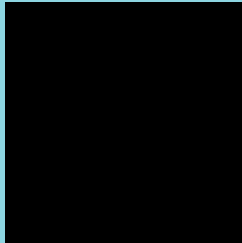
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.3694, 58.6875, 80.0126

Background



This preview shows how black text looks on a background with the XYZ color 48.3694, 58.6875, 80.0126.

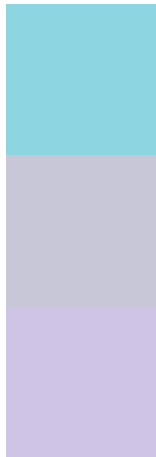


This preview shows how white text looks on a background with the XYZ color 48.3694, 58.6875,

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

48.3694, 58.6875, 80.0126

Protanopia

56.6375, 58.0841, 73.1920

Deuteranopia

59.6149, 58.4024, 82.2595



Tritanopia

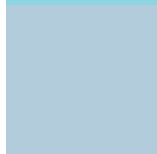
48.8417, 58.4949, 82.8452

Trichromacy



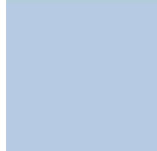
Original Color

48.3694, 58.6875, 80.0126



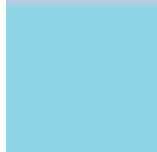
Protanomaly

52.9695, 57.8839, 75.3988



Deuteranomaly

54.6526, 57.9098, 81.6960



Tritanomaly

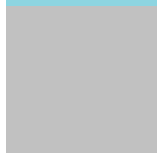
48.7024, 58.4392, 82.1118

Monochromacy



Original Color

48.3694, 58.6875, 80.0126



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

49.1293, 54.7150, 65.7293

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3694, 58.6875, 80.0126 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(141, 213, 225)` looks like.

```
.text, #text, p{  
    color:rgb(141, 213, 225)  
}
```

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(141, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 213, 225) }
```

Border

The CSS property to change the border of an element to XYZ 48.3694, 58.6875, 80.0126 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(141, 213, 225) }
```


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

```
.border{ border-color:rgb(141, 213, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 213, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 213, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 213, 225); box-shadow:4px 4px 4px 4px rgb(141, 213, 225) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3694, 58.6875, 80.0126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 213, 225) }
```

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

```
.background{ background-color: rgb(141,  
213, 225) }
```

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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