

Converting Colors

XYZ(58.0133, 68.4600, 74.4465)

Have a look what the booklet for
XYZ(58.0133, 68.4600, 74.4465)
contains.

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Color

**XYZ(58.0133, 68.4600,
74.4465)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B4E1D7 |
| RGB | 180, 225, 215 |
| RGB Percent | 71%, 88%, 84% |
| CMY | 0.2941, 0.1176, 0.1569 |
| CMYK | 0.20, 0.00, 0.04, 0.12 |
| HSL | 167°, 43%, 79% |
| HSV | 167°, 20%, 88% |
| XYZ | 58.0133, 68.4600, 74.4465 |
| YIQ | 210.4050, -23.6100, -12.6500 |

Conversions

Conversions Part 2

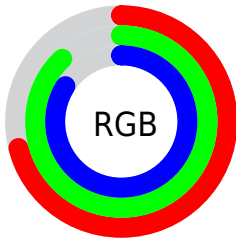
| Format | Color |
|-------------------------------------|--|
| RYB | 180, 205, 225 |
| Decimal | 11854295 |
| CIELab | 86.24, -16.54, 0.07 |
| CIELCh | 86, 16.542, 179.741 |
| Yxy | 68.4600, 0.2887, 0.3407 |
| Android (android.graphics.Color) | 4290044375 (0xFFB4E1D7) |
| YUV | 210.4050, 2.2653, -26.6652 |
| Hunter-Lab | 82.7406, -19.6412, 4.5717 |

Details

The XYZ color **58.0133, 68.4600, 74.4465** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6692, 52.3695, 55.8395**, and the grayscale version is **61.5229, 64.7269, 70.4876**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **29.3241, 35.7231, 38.6074** is the 20% darker color. If you saturate the color by 10%, you get **52.5620, 65.7247, 70.8889**, and if you desaturate by 10%, it is **64.3384, 71.6471, 78.1505**.

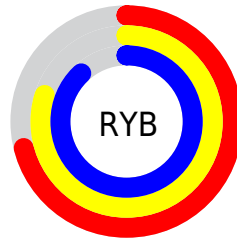
Distribution



Red (71%)

Green (88%)

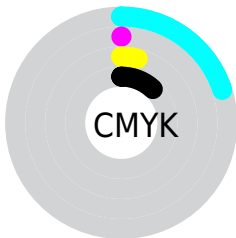
Blue (84%)



Red (71%)

Yellow (80%)

Blue (88%)

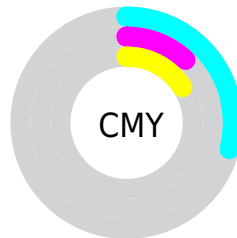


Cyan (20%)

Magenta (0%)

Yellow (4%)

Black (12%)



Cyan (29%)

Magenta (12%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0133, 68.4600, 74.4465 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 58.0133, 68.4600, 74.4465 by changing the saturation by 10% instead.

■ 58.0133, 68.4600,
74.4465

■ 58.0133, 68.4600,
74.4465

407.1886,
455.1241, 495.2175

■ 42.0626, 50.2721,
54.6606

■ 101.0651,
117.0100, 127.2684

■ 29.3417, 35.6296,
38.7333

128.8969,
148.1408, 161.1415

■ 19.4850, 24.1483,
26.2460

161.4199,
184.3547, 200.5474

■ 12.1273, 15.4436,
16.7804

198.9993,
226.0360, 245.9046

■ 6.9033, 9.1313,
9.9177

242.0005,
273.5693, 297.6316

■ 3.4475, 4.8269,
5.2396

290.7889,

■ 1.3946, 2.1461,

327.3387, 356.1471

2.3273

345.7298,
387.7289, 421.8696

■ 0.2524, 0.6904,
0.7465

■ 0.0000, 0.0000,
0.0000

■ 58.0133, 68.4600,
74.4465

■ 58.0133, 68.4600,
74.4465

■ 52.5620, 65.7247,
70.8889

■ 64.3384, 71.6471,
78.1505

■ 47.9376, 63.4116,
67.4702


■ 71.5699, 75.2974,
81.9989


■ 44.0975, 61.5006,
64.1889


■ 79.7457, 79.4322,
85.9958


■ 40.9929, 59.9666,
61.0419


■ 83.1628, 81.1115,
89.8753


 38.5694, 58.7815,
58.0257


 83.8958, 81.4047,
93.7352


 36.7649, 57.9133,
55.1364

 84.6493, 81.7061,
97.7030

 35.5059, 57.3242,
52.3695

 85.4234, 82.0157,
101.7794

 34.6635, 56.9478,
49.7184

 86.2165, 82.3329,
105.9555

Harmonies

Analogous

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



58.9429, 68.4600, 64.4587



58.0133, 68.4600, 74.4465



58.9119, 68.4600, 85.4440

Triad

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



58.0133, 68.4600, 74.4465



68.7724, 68.4600, 94.2876



68.8319, 68.4600, 57.8444

Complementary

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



58.0133, 68.4600, 74.4465



56.6692, 52.3695, 55.8395

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.



71.6411, 68.4600, 64.6079



58.0133, 68.4600, 74.4465



71.6058, 68.4600, 85.6241

Square

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



58.0133, 68.4600, 74.4465



65.0361, 68.4600, 97.5576



72.6752, 68.4600, 74.6362



65.1023, 68.4600, 55.4636

Rectangle

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



58.0133, 68.4600, 74.4465



60.4477, 68.4600, 91.7303



72.6752, 68.4600, 74.6362



69.9204, 68.4600, 59.6461

Sweetspot

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



58.0152, 68.4628, 74.4480



89.1006, 96.9957, 105.7887



56.5258, 68.1603, 53.3580



18.9384, 20.6941, 22.5716



0.0000, 0.0000, 0.0000



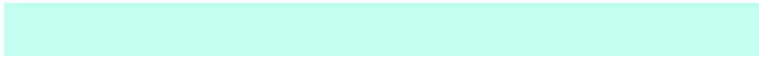
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.0152, 68.4628, 74.4480



73.8934, 89.3375, 96.8795



56.2093, 62.7305, 80.3831



13.9793, 15.5175, 16.9265



20.0195, 32.8326, 28.8893



1.4202, 2.2888, 2.1738

Inverse Universe

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



56.6692, 52.3695, 55.8395



71.7992, 64.2793, 67.9132



58.1414, 57.0041, 51.1195



13.8314, 13.7502, 14.8821



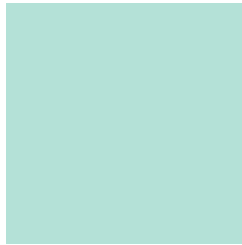
18.2612, 9.3715, 2.7753



1.2993, 0.6630, 0.3691

Previews

White Background



This preview shows how the XYZ color 58.0133, 68.4600, 74.4465 looks on a white background.

Color Contrast Check

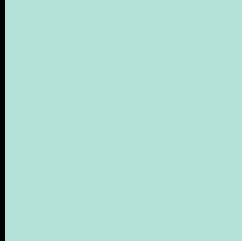
Large Text (above 18pt) WCAG AA × Fail

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 58.0133, 68.4600, 74.4465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

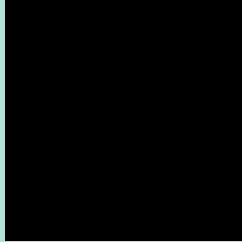
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

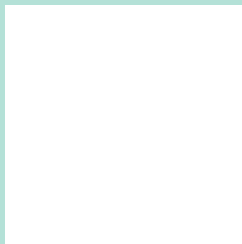
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0133, 68.4600, 74.4465

Background



This preview shows how black text looks on a background with the XYZ color 58.0133, 68.4600, 74.4465.

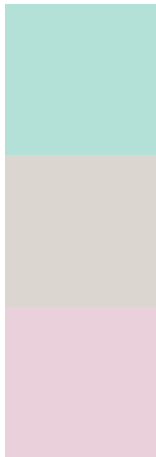


This preview shows how white text looks on a background with the XYZ color 58.0133, 68.4600,

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

58.0133, 68.4600, 74.4465

Protanopia

65.0704, 67.9122, 70.0004

Deuteranopia

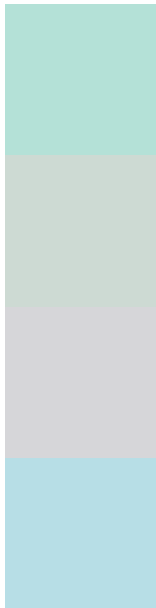
69.1424, 67.6661, 75.7463



Tritanopia

61.4440, 68.2592, 91.5982

Trichromacy



Original Color

58.0133, 68.4600, 74.4465

Protanomaly

62.0061, 67.8251, 71.4515

Deuteranomaly

64.3025, 67.3990, 75.2658

Tritanomaly

59.9326, 68.0230, 84.8339

Monochromacy



Original Color

58.0133, 68.4600, 74.4465

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.7373, 65.4965, 71.7809

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0133, 68.4600, 74.4465 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(180, 225, 215)` looks like.

```
.text, #text, p{  
    color:rgb(180, 225, 215)  
}
```

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(180, 225, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 225, 215) }
```

Border

The CSS property to change the border of an element to XYZ 58.0133, 68.4600, 74.4465 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(180, 225, 215) }
```


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

```
.border{ border-color:rgb(180, 225, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 225, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 225, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 225, 215); box-shadow:4px 4px 4px 4px rgb(180, 225, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0133, 68.4600, 74.4465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 225, 215) }
```

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

```
.background{ background-color: rgb(180,  
225, 215) }
```

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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