

Converting Colors

XYZ(58.0885, 68.6894, 66.0867)

Have a look what the booklet for
XYZ(58.0885, 68.6894, 66.0867)
contains.

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Color

**XYZ(58.0794, 68.6795,
66.0725)**

Conversions

Conversions Part 1

Format	Color
Hex	BBE1CA
RGB	187, 225, 202
RGB Percent	73%, 88%, 79%
CMY	0.2667, 0.1176, 0.2078
CMYK	0.17, 0.00, 0.10, 0.12
HSL	144°, 39%, 81%
HSV	144°, 17%, 88%
XYZ	58.0794, 68.6795, 66.0725
YIQ	211.0160, -15.2650, -15.2090

Conversions

Conversions Part 2

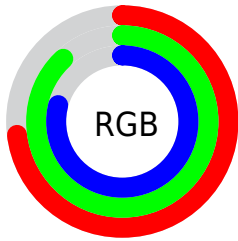
Format	Color
RYB	187, 214, 225
Decimal	12313034
CIELab	86.35, -16.85, 7.13
CIELCh	86, 18.299, 157.055
Yxy	68.6795, 0.3012, 0.3562
Android (android.graphics.Color)	4290503114 (0xFFBBE1CA)
YUV	211.0160, -4.4449, -21.0620
Hunter-Lab	82.8731, -19.9310, 10.7408

Details

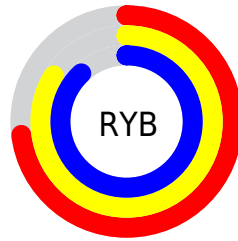
The XYZ color **58.0794, 68.6795, 66.0725** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.4569, 56.2030, 68.6376**, and the grayscale version is **61.9647, 65.1917, 70.9937**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.3929, 35.8741, 33.3922** is the 20% darker color. If you saturate the color by 10%, you get **51.4584, 65.4463, 57.7136**, and if you desaturate by 10%, it is **65.7090, 72.4200, 75.2245**.

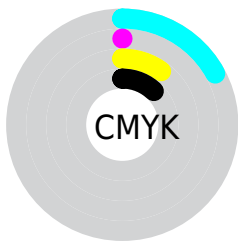
Distribution



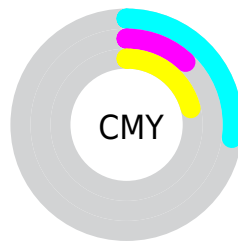
- Red (73%)
- Green (88%)
- Blue (79%)



- Red (73%)
- Yellow (84%)
- Blue (88%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)





- Cyan (27%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0794, 68.6795, 66.0725 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 58.0794, 68.6795, 66.0725 by changing the saturation by 10% instead.


 58.0794, 68.6795,
66.0725

 58.0794, 68.6795,
66.0725


407.4308,
455.8998, 465.0474

 42.1160, 50.4507,
47.8744


 101.1608,
117.3237, 115.2184

 29.3836, 35.7717,
33.3682


129.0095,
148.5079, 147.0032

 19.5170, 24.2579,
22.1352

161.5506,
184.7794, 184.1541

 12.1506, 15.5250,
13.7570

199.1496,
226.5226, 227.0895

 6.9193, 9.1887,
7.8150

242.1717,
274.1218, 276.2280

 3.4575, 4.8645,
3.8908


290.9824,

 1.4001, 2.1680,


327.9615, 331.9881


1.5656


345.9470,
388.4260, 394.7884


 0.2563, 0.7024,
0.2661


 0.0000, 0.0000,
0.0000


 58.0794, 68.6795,
66.0725


 58.0794, 68.6795,
66.0725


 51.4584, 65.4463,
57.7136


 65.7090, 72.4200,
75.2245


 45.7966, 62.6897,
50.1221

 74.3825, 76.6799,
85.1852

 41.0488, 60.3887,
43.2774

 84.1404, 81.4815,
95.9759

 37.1640, 58.5175,
37.1562

 86.2165, 82.3330,
105.9555

■ 34.0856, 57.0474,
31.7343

■ 31.7502, 55.9461,
26.9856

■ 30.0837, 55.1761,
22.8825

■ 28.9920, 54.6893,
19.3949

■ 28.7218, 54.5711,
18.4292

Harmonies

Analogous

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



60.5042, 68.6795, 57.7082



58.0794, 68.6795, 66.0725



57.5434, 68.6795, 77.6742

Triad

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



58.0794, 68.6795, 66.0725



66.2806, 68.6795, 100.3261



71.9776, 68.6795, 61.6194

Complementary

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



58.0794, 68.6795, 66.0725



60.4569, 56.2030, 68.6376

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.



73.6759, 68.6795, 71.9592



58.0794, 68.6795, 66.0725



70.2961, 68.6795, 94.9255

Square

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



58.0794, 68.6795, 66.0725



62.1619, 68.6795, 98.3149



73.0477, 68.6795, 84.2214



68.4961, 68.6795, 55.3374

Rectangle

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



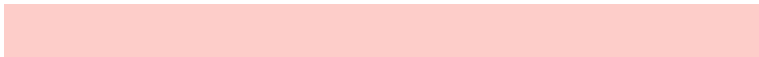
58.0794, 68.6795, 66.0725



58.3075, 68.6795, 85.8689



73.0477, 68.6795, 84.2214



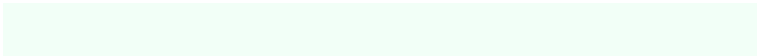
72.7826, 68.6795, 64.6899

Sweetspot

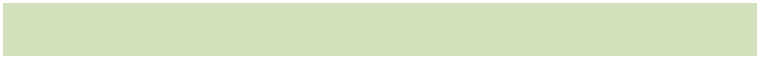
The Sweet Spot groups the original color and five complimentary colors.



58.0813, 68.6824, 66.0740



89.2960, 97.1744, 102.2746



62.5993, 71.2068, 57.4595



18.9460, 20.7174, 21.6964



0.0000, 0.0000, 0.0000



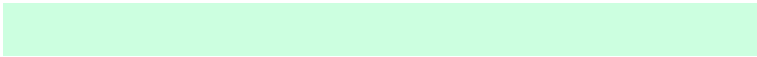
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0813, 68.6824, 66.0740



74.1340, 89.7463, 84.0290



60.4145, 69.6157, 78.3604



13.7517, 15.4264, 15.7278



16.6037, 31.4663, 10.9021



1.1941, 2.1983, 0.9830

Inverse Universe

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



60.4569, 56.2030, 68.6376



77.8095, 70.4364, 87.9933



58.2755, 55.3304, 57.1501



14.0539, 13.8392, 16.0542



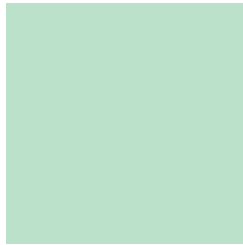
20.5209, 10.2753, 14.6745



1.4661, 0.7297, 1.2472

Previews

White Background



This preview shows how the XYZ color 58.0794, 68.6795, 66.0725 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 58.0794, 68.6795, 66.0725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

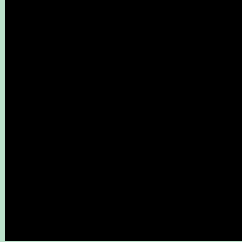
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

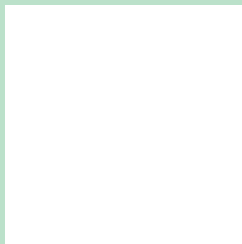
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0794, 68.6795, 66.0725

Background



This preview shows how black text looks on a background with the XYZ color 58.0794, 68.6795, 66.0725.



This preview shows how white text looks on a background with the XYZ color 58.0794, 68.6795,

66.0725.

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

58.0794, 68.6795, 66.0725

Protanopia

65.1190, 68.4794, 62.6090

Deuteranopia

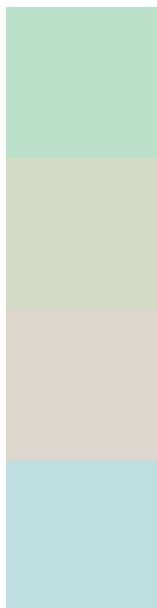
69.5105, 68.0448, 67.2280



Tritanopia

62.8716, 68.6383, 90.0556

Trichromacy



Original Color

58.0794, 68.6795, 66.0725

Protanomaly

62.5043, 68.6354, 63.9865

Deuteranomaly

64.7644, 67.8249, 66.8048

Tritanomaly

61.0617, 68.7007, 80.5633

Monochromacy



Original Color

58.0794, 68.6795, 66.0725

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.2982, 66.2224, 69.2786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0794, 68.6795, 66.0725 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(187, 225, 202)` looks like.

```
.text, #text, p{  
    color:rgb(187, 225, 202)  
}
```

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(187, 225, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 225, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.0794, 68.6795, 66.0725 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(187, 225, 202) }
```


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

```
.border{ border-color:rgb(187, 225, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 225, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 225, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 225, 202); box-shadow:4px 4px 4px 4px rgb(187, 225, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0794, 68.6795, 66.0725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 225, 202) }
```

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

```
.background{ background-color: rgb(187,  
225, 202) }
```

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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