

# Converting Colors

XYZ(58.0794, 68.6795, 66.0725)

Have a look what the booklet for  
XYZ(58.0794, 68.6795, 66.0725)  
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

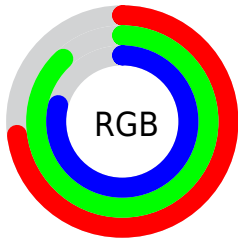
Format	Color
<a href="#">RYB</a>	<a href="#">187, 214, 225</a>
Decimal	<a href="#">12313034</a>
CIELab	<a href="#">86.35, -16.85, 7.13</a>
CIELCh	<a href="#">86, 18.299, 157.055</a>
Yxy	<a href="#">68.6795, 0.3012, 0.3562</a>
Android (android.graphics.Color)	<a href="#">4290503114</a> ( <a href="#">0xFFBBE1CA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

# 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**.

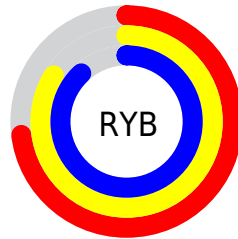
# Distribution



Red (73%)

Green (88%)

Blue (79%)



Red (73%)

Yellow (84%)

Blue (88%)

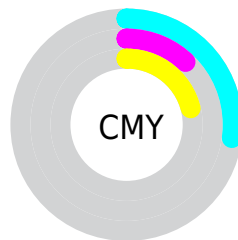


Cyan (17%)

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

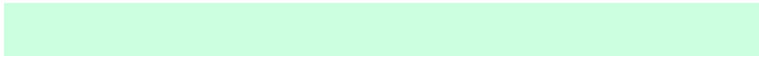


# Same Dimension

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

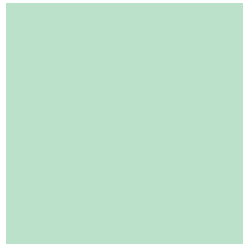


1.4661, 0.7297, 1.2472



# 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

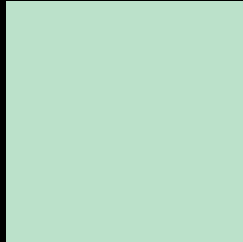
Any Text WCAG AA × Fail

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

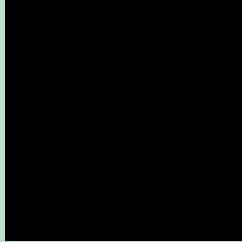
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

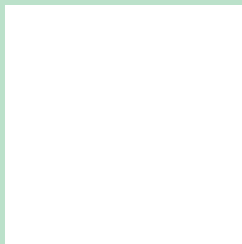
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# 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.



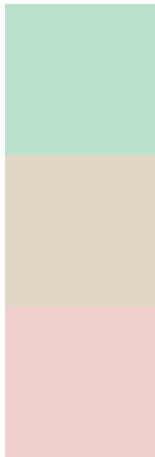
This preview shows how white text looks on a background with the XYZ color 58.0794, 68.6795,



# 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

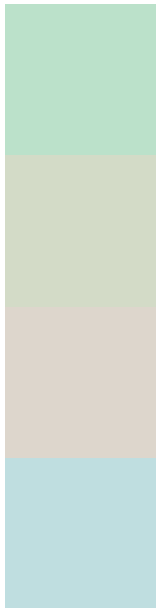
69.5105, 68.0448, 67.2280



## 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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