

Converting Colors

XYZ(58.1252, 68.6460, 68.6915)

Have a look what the booklet for
XYZ(58.1252, 68.6460, 68.6915)
contains.

XYZ(58.0734, 68.6209, 68.5769)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.0734, 68.6209,
68.5769)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E1CE
RGB	185, 225, 206
RGB Percent	73%, 88%, 81%
CMY	0.2745, 0.1176, 0.1922
CMYK	0.18, 0.00, 0.08, 0.12
HSL	151°, 40%, 80%
HSV	151°, 18%, 88%
XYZ	58.0734, 68.6209, 68.5769
YIQ	210.8740, -17.7410, -14.3890

Conversions

Conversions Part 2

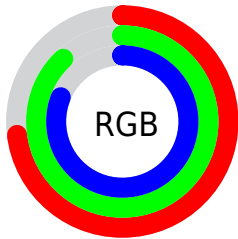
Format	Color
RYB	185, 211, 225
Decimal	12181966
CIELab	86.32, -16.74, 4.97
CIELCh	86, 17.462, 163.462
Yxy	68.6209, 0.2974, 0.3514
Android (android.graphics.Color)	4290372046 (0xFFB9E1CE)
YUV	210.8740, -2.4029, -22.6915
Hunter-Lab	82.8377, -19.8286, 8.9034

Details

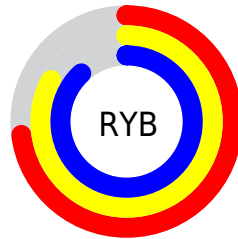
The XYZ color **58.0734, 68.6209, 68.5769** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.3018, 55.0669, 64.6333**, and the grayscale version is **61.8590, 65.0805, 70.8727**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **29.4023, 35.8417, 35.0742** is the 20% darker color. If you saturate the color by 10%, you get **51.8146, 65.5412, 61.7353**, and if you desaturate by 10%, it is **65.2833, 72.1845, 75.9269**.

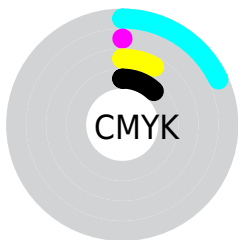
Distribution



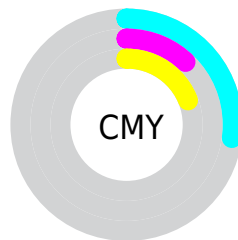
- Red (73%)
- Green (88%)
- Blue (81%)



- Red (73%)
- Yellow (83%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (12%)



- Cyan (27%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0734, 68.6209, 68.5769 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 58.0734, 68.6209, 68.5769 by changing the saturation by 10% instead.

■ 58.0734, 68.6209,
68.5769

■ 58.0734, 68.6209,
68.5769

407.4088,
455.6928, 474.1908

■ 42.1112, 50.4030,
49.8976

■ 101.1521,
117.2399, 118.8391

■ 29.3798, 35.7337,
34.9614

128.9992,
148.4099, 151.2590

■ 19.5141, 24.2286,
23.3498

161.5387,
184.6660, 189.0962

■ 12.1485, 15.5033,
14.6443

199.1359,
226.3927, 232.7693

■ 6.9178, 9.1734,
8.4263

242.1562,
273.9743, 282.6968

■ 3.4566, 4.8544,
4.2773


290.9649,

■ 1.3996, 2.1621,


327.7953, 339.2971


1.7786


345.9273,
388.2400, 402.9889


 0.2559, 0.6992,
0.4138


 0.0000, 0.0000,
0.0000


 58.0734, 68.6209,
68.5769


 58.0734, 68.6209,
68.5769


 51.8146, 65.5412,
61.7353


 65.2833, 72.1845,
75.9269


 46.4592, 62.9154,
55.3866

 73.4780, 76.2434,
83.7914

 41.9637, 60.7231,
49.5206

 82.6965, 80.8195,
92.1822

 38.2788, 58.9390,
44.1254

 85.2274, 81.9373,
100.7469

■ 35.3497, 57.5353,
39.1884

■ 86.2165, 82.3329,
105.9555

■ 33.1145, 56.4801,
34.6964

■ 31.5008, 55.7364,
30.6351

■ 30.4092, 55.2532,
26.9886

■ 30.2035, 55.1637,
26.2321

Harmonies

Analogous

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



60.0366, 68.6209, 59.7409



58.0734, 68.6209, 68.5769



57.9738, 68.6209, 80.0020

Triad

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



58.0734, 68.6209, 68.5769



67.0424, 68.6209, 98.4393



71.0087, 68.6209, 60.4693

Complementary

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



58.0734, 68.6209, 68.5769



59.3018, 55.0669, 64.6333

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.



73.0507, 68.6209, 69.6691



58.0734, 68.6209, 68.5769



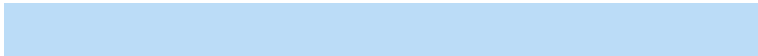
70.6979, 68.6209, 92.0063

Square

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



58.0734, 68.6209, 68.5769



63.0415, 68.6209, 98.0693



72.9346, 68.6209, 81.2120



67.4524, 68.6209, 55.4006

Rectangle

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



58.0734, 68.6209, 68.5769



58.9699, 68.6209, 87.6308



72.9346, 68.6209, 81.2120



71.9014, 68.6209, 63.1377

Sweetspot

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



58.0753, 68.6238, 68.5784



89.5538, 97.2775, 103.6326



60.6778, 70.2408, 56.2598



19.0087, 20.7424, 22.0262



0.0000, 0.0000, 0.0000



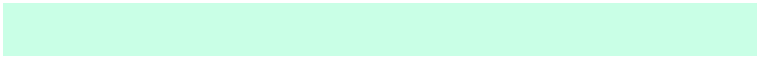
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0753, 68.6238, 68.5784



74.1900, 89.6885, 87.9419



60.3459, 69.2442, 81.4224



13.8279, 15.4569, 16.1288



17.4634, 31.8102, 15.4290



1.2556, 2.2230, 1.3074

Inverse Universe

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



59.3018, 55.0669, 64.6333



76.0814, 68.7833, 81.8589



57.2991, 54.4895, 53.3976



13.9770, 13.8084, 15.6490



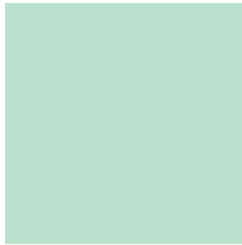
19.4772, 9.8579, 9.1784



1.3951, 0.7013, 0.8733

Previews

White Background



This preview shows how the XYZ color 58.0734, 68.6209, 68.5769 looks on a white background.

Color Contrast Check

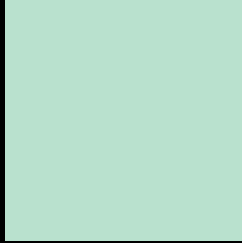
Large Text (above 18pt) WCAG AA × Fail

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 58.0734, 68.6209, 68.5769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

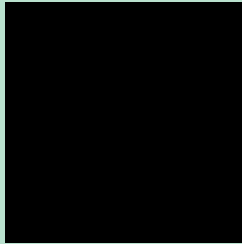
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

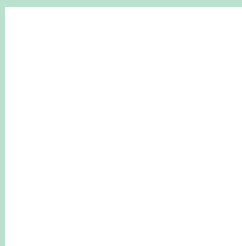
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0734, 68.6209, 68.5769

Background



This preview shows how black text looks on a background with the XYZ color 58.0734, 68.6209, 68.5769.



This preview shows how white text looks on a background with the XYZ color 58.0734, 68.6209,

68.5769.

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

58.0734, 68.6209, 68.5769

Protanopia

65.1572, 68.4590, 64.4233

Deuteranopia

69.3244, 67.8923, 69.7723



Tritanopia

62.5117, 68.4358, 90.8036

Trichromacy



Original Color

58.0734, 68.6209, 68.5769

Protanomaly

62.2867, 68.4826, 65.8127

Deuteranomaly

64.6452, 67.7073, 69.3362

Tritanomaly

60.8350, 68.5524, 81.9771

Monochromacy



Original Color

58.0734, 68.6209, 68.5769

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.4216, 66.2717, 69.9288

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0734, 68.6209, 68.5769 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(185, 225, 206)` looks like.

```
.text, #text, p{  
    color:rgb(185, 225, 206)  
}
```

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(185, 225, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 225, 206) }
```

Border

The CSS property to change the border of an element to XYZ 58.0734, 68.6209, 68.5769 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(185, 225, 206) }
```


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

```
.border{ border-color:rgb(185, 225, 206) }
```

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

Here you see how a box with a 4 pixel rgb(185, 225, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 225, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 225, 206);  
box-shadow:4px 4px 4px 4px rgb(185, 225,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0734, 68.6209, 68.5769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 225, 206) }
```

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

```
.background{ background-color: rgb(185,  
225, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor