

Converting Colors

XYZ(58.8286, 68.8567, 66.1251)

Have a look what the booklet for
XYZ(58.8286, 68.8567, 66.1251)
contains.

XYZ(58.8022, 68.6519, 66.0291)	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(58.8022, 68.6519,
66.0291)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE0CA
RGB	191, 224, 202
RGB Percent	75%, 88%, 79%
CMY	0.2510, 0.1216, 0.2078
CMYK	0.15, 0.00, 0.10, 0.12
HSL	140°, 35%, 81%
HSV	140°, 15%, 88%
XYZ	58.8022, 68.6519, 66.0291
YIQ	211.6250, -12.6060, -13.8380

Conversions

Conversions Part 2

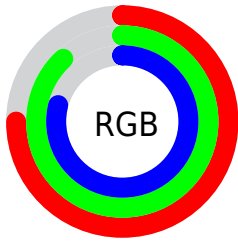
Format	Color
RYB	191, 216, 224
Decimal	12574922
CIELab	86.33, -15.04, 7.15
CIElCh	86, 16.651, 154.581
Yxy	68.6519, 0.3039, 0.3548
Android (android.graphics.Color)	4290765002 (0xFFBFE0CA)
YUV	211.6250, -4.7451, -18.0881
Hunter-Lab	82.8564, -18.3195, 10.7507

Details

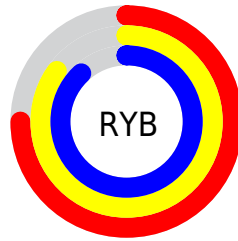
The XYZ color **58.8022, 68.6519, 66.0291** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.3840, 57.9147, 70.8973**, and the grayscale version is **62.3684, 65.6164, 71.4563**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.8498, 35.8324, 33.3601** is the 20% darker color. If you saturate the color by 10%, you get **51.9106, 65.2956, 56.9189**, and if you desaturate by 10%, it is **66.7304, 72.5266, 76.0840**.

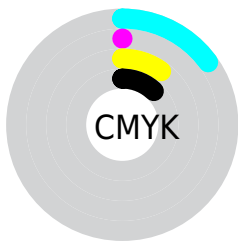
Distribution



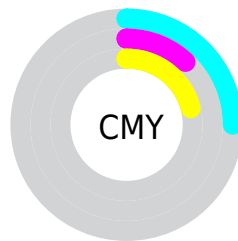
- Red (75%)
- Green (88%)
- Blue (79%)



- Red (75%)
- Yellow (85%)
- Blue (88%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (12%)



- Cyan (25%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8022, 68.6519, 66.0291 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 58.8022, 68.6519, 66.0291 by changing the saturation by 10% instead.

■ 58.8022, 68.6519,
66.0291

■ 58.8022, 68.6519,
66.0291

410.0743,
455.8023, 464.8880

■ 42.6997, 50.4283,
47.8394

■ 102.2064,
117.2842, 115.1555

■ 29.8430, 35.7538,
33.3406

130.2388,
148.4618, 146.9293

■ 19.8670, 24.2441,
22.1143

162.9785,
184.7260, 184.0682

■ 12.4061, 15.5148,
13.7418

200.7909,
226.4614, 226.9907

■ 7.0950, 9.1815,
7.8046

244.0413,
274.0523, 276.1154

■ 3.5685, 4.8597,
3.8842


293.0951,

■ 1.4610, 2.1652,


327.8832, 331.8608


1.5620


348.3177,
388.3384, 394.6455


 0.2991, 0.7009,
0.2635


 0.0000, 0.0000,
0.0000


 58.8022, 68.6519,
66.0291


 58.8022, 68.6519,
66.0291


 51.9106, 65.2956,
56.9189


 66.7304, 72.5266,
76.0840

 46.0059, 62.4269,
48.7217

 75.7306, 76.9318,
87.1053

 41.0431, 60.0252,
41.4102

 84.6553, 81.2772,
99.0640

 36.9710, 58.0647,
34.9545

 85.9469, 81.7939,
105.8656

■ 33.7337, 56.5170,
29.3227

■ 31.2682, 55.3507,
24.4809

■ 29.5024, 54.5290,
20.3927

■ 28.3489, 54.0078,
17.0187

■ 27.9154, 53.8172,
15.5126

Harmonies

Analogous

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



61.1466, 68.6519, 58.6445



58.8022, 68.6519, 66.0291



58.1592, 68.6519, 76.4533

Triad

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



58.8022, 68.6519, 66.0291



65.8436, 68.6519, 97.8931



71.5268, 68.6519, 63.3703

Complementary

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



58.8022, 68.6519, 66.0291



61.3840, 57.9147, 70.8973

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.



72.8984, 68.6519, 73.0727



58.8022, 68.6519, 66.0291



69.5363, 68.6519, 93.5638

Square

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



58.8022, 68.6519, 66.0291



62.1308, 68.6519, 95.5407



72.1561, 68.6519, 84.2074



68.4752, 68.6519, 57.2184

Rectangle

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



58.8022, 68.6519, 66.0291



58.7596, 68.6519, 83.9040



72.1561, 68.6519, 84.2074



72.2049, 68.6519, 66.2877

Sweetspot

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



58.8041, 68.6548, 66.0306



90.3207, 97.6862, 103.0644



63.6626, 71.3046, 59.6990



19.1476, 20.8185, 21.8302



0.0000, 0.0000, 0.0000



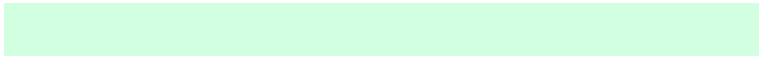
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8041, 68.6548, 66.0306



75.5915, 90.4934, 84.2877



60.7921, 69.4500, 76.4993



13.7163, 15.4122, 15.5411



16.2958, 31.3432, 9.2805



1.1701, 2.1888, 0.8569

Inverse Universe

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



61.3840, 57.9147, 70.8973



79.7488, 73.1835, 92.1282



59.4572, 57.1440, 60.7509



14.0907, 13.8539, 16.2476



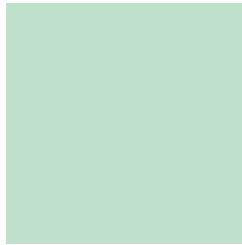
21.1220, 10.5158, 17.8403



1.5051, 0.7453, 1.4526

Previews

White Background



This preview shows how the XYZ color 58.8022, 68.6519, 66.0291 looks on a white background.

Color Contrast Check

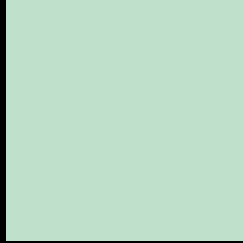
Large Text (above 18pt) WCAG AA × Fail

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 58.8022, 68.6519, 66.0291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

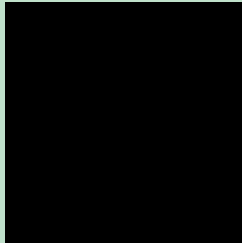
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

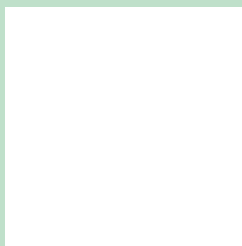
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8022, 68.6519, 66.0291

Background



This preview shows how black text looks on a background with the XYZ color 58.8022, 68.6519, 66.0291.

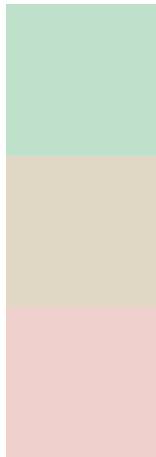


This preview shows how white text looks on a background with the XYZ color 58.8022, 68.6519,

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

58.8022, 68.6519, 66.0291

Protanopia

65.1190, 68.4794, 62.6090

Deuteranopia

69.5105, 68.0448, 67.2280



Tritanopia

63.4978, 68.5895, 89.2493

Trichromacy



Original Color

58.8022, 68.6519, 66.0291

Protanomaly

62.5316, 68.2634, 63.9132

Deuteranomaly

65.0699, 67.9824, 66.8191

Tritanomaly

61.8167, 68.6968, 80.5227

Monochromacy



Original Color

58.8022, 68.6519, 66.0291

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

60.8429, 66.5032, 69.3041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8022, 68.6519, 66.0291 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(191, 224, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 224, 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(191, 224, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 224, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.8022, 68.6519, 66.0291 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(191, 224, 202) }
```


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

```
.border{ border-color:rgb(191, 224, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 224, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 224, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 224, 202); box-shadow:4px 4px 4px 4px rgb(191, 224, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8022, 68.6519, 66.0291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 224, 202) }
```

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

```
.background{ background-color: rgb(191,  
224, 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](#).

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