

Converting Colors

XYZ(58.8842, 72.9226, 58.1487)

Have a look what the booklet for
XYZ(58.8842, 72.9226, 58.1487)
contains.

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Color

**XYZ(58.8860, 72.9983,
58.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	BBEABB
RGB	187, 234, 187
RGB Percent	73%, 92%, 73%
CMY	0.2667, 0.0823, 0.2667
CMYK	0.20, 0.00, 0.20, 0.08
HSL	120°, 53%, 83%
HSV	120°, 20%, 92%
XYZ	58.8860, 72.9983, 58.0002
YIQ	214.5890, -12.9250, -24.5810

Conversions

Conversions Part 2

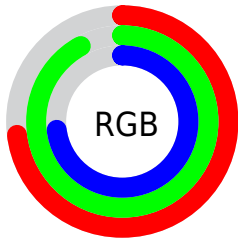
Format	Color
RYB	187, 234, 234
Decimal	12315323
CIELab	88.45, -23.96, 17.95
CIELCh	88, 29.937, 143.148
Yxy	72.9983, 0.3101, 0.3844
Android (android.graphics.Color)	4290505403 (0xFFBBEABB)
YUV	214.5890, -13.6014, -24.1956
Hunter-Lab	85.4390, -26.4932, 19.5584

Details

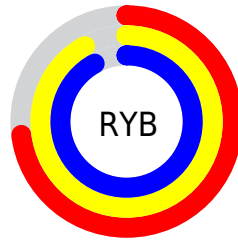
The XYZ color **58.8860, 72.9983, 58.0002** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.5558, 58.9752, 85.7206**, and the grayscale version is **64.4103, 67.7647, 73.7957**.

A 20% lighter version of the original color is **89.2459, 97.2242, 98.8564**, and **29.8963, 38.5486, 28.4192** is the 20% darker color. If you saturate the color by 10%, you get **51.3168, 69.3646, 45.6178**, and if you desaturate by 10%, it is **67.8002, 77.2824, 72.5794**.

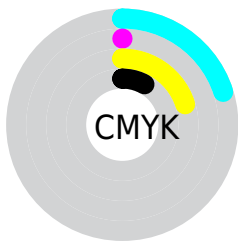
Distribution



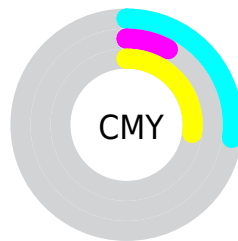
- Red (73%)
- Green (92%)
- Blue (73%)



- Red (73%)
- Yellow (92%)
- Blue (92%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (27%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8860, 72.9983, 58.0002 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 58.8860, 72.9983, 58.0002 by changing the saturation by 10% instead.

■ 58.8860, 72.9983,
58.0002

■ 58.8860, 72.9983,
58.0002

410.3802,
471.0089, 434.7850

■ 42.7674, 53.9746,
41.3941

■ 102.3275,
123.4748, 103.4379

■ 29.8964, 38.5813,
28.3051

130.3812,
155.6964, 133.1067

■ 19.9076, 26.4342,
18.3148

163.1438,
193.0860, 167.9667

■ 12.4358, 17.1487,
11.0044

200.9809,
236.0281, 208.4365

■ 7.1155, 10.3406,
5.9556

244.2577,
284.9070, 254.9347

■ 3.5814, 5.6254,
2.7498

293.3396,

■ 1.4682, 2.6186,

340.1072, 307.8798

0.9683

348.5920,
402.0130, 367.6904

0.3040, 0.9360,
0.0000

0.0000, 0.0000,
0.0000

58.8860, 72.9983,
58.0002

58.8860, 72.9983,
58.0002

51.3168, 69.3646,
45.6178

67.8002, 77.2824,
72.5794

45.0218, 66.3408,
35.3212

78.1140, 82.2366,
89.4493

39.9327, 63.8962,
26.9971

88.7142, 87.3285,
106.7881

35.9726, 61.9940,
20.5195

■ 33.0555, 60.5928,
15.7479

■ 31.0832, 59.6454,
12.5218

■ 29.9388, 59.0957,
10.6499

■ 29.4243, 58.8485,
9.8082

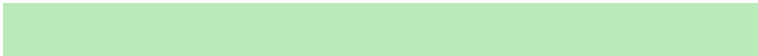
Harmonies

Analogous

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



64.0826, 72.9983, 48.3216



58.8860, 72.9983, 58.0002



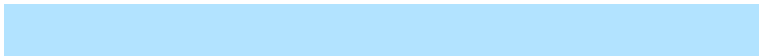
56.5277, 72.9983, 74.8467

Triad

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



58.8860, 72.9983, 58.0002



67.7445, 72.9983, 125.6933



82.9036, 72.9983, 64.8960

Complementary

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



58.8860, 72.9983, 58.0002



66.5558, 58.9752, 85.7206

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.



84.0523, 72.9983, 84.3063



58.8860, 72.9983, 58.0002



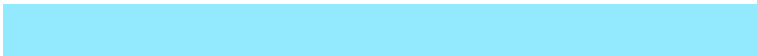
74.9673, 72.9983, 121.7869

Square

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



58.8860, 72.9983, 58.0002



61.4081, 72.9983, 115.6090



81.0581, 72.9983, 105.7060



78.0194, 72.9983, 51.7955

Rectangle

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



58.8860, 72.9983, 58.0002



56.7583, 72.9983, 88.8449



81.0581, 72.9983, 105.7060



83.7527, 72.9983, 70.8025

Sweetspot

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



58.8879, 73.0014, 58.0018



87.2771, 96.2663, 96.1860



72.3274, 79.9297, 58.6304



18.5080, 20.5219, 20.3049



0.0000, 0.0000, 0.0000



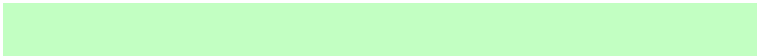
20.3446, 21.4041, 23.3091

Same Dimension

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



58.8879, 73.0014, 58.0018



67.6721, 86.8490, 64.1186



61.6138, 74.0917, 72.3557



14.8684, 16.8622, 15.9898



16.5341, 33.0681, 5.5114



1.2983, 2.5966, 0.4328

Inverse Universe

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



66.5558, 58.9752, 85.7206



78.5372, 66.9745, 103.3950



63.3996, 57.7128, 69.1001



15.7149, 15.3138, 19.0498



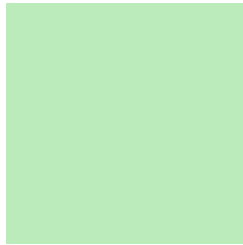
27.4131, 13.1679, 44.8383



2.1526, 1.0340, 3.5209

Previews

White Background



This preview shows how the XYZ color 58.8860, 72.9983, 58.0002 looks on a white background.

Color Contrast Check

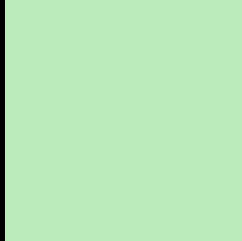
Large Text (above 18pt) WCAG AA × Fail

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 58.8860, 72.9983, 58.0002 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

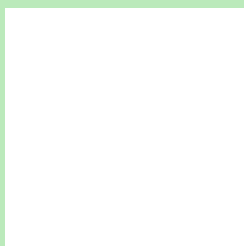
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8860, 72.9983, 58.0002

Background



This preview shows how black text looks on a background with the XYZ color 58.8860, 72.9983, 58.0002.



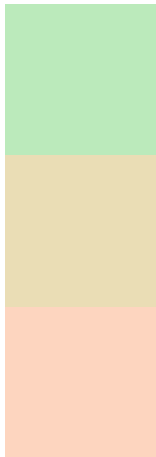
This preview shows how white text looks on a background with the XYZ color 58.8860, 72.9983,

58.0002.

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

58.8860, 72.9983, 58.0002

Protanopia

68.1286, 72.5415, 54.1272

Deuteranopia

73.7062, 72.2327, 59.3478



Tritanopia

66.5514, 72.7947, 96.1311

Trichromacy



Original Color

58.8860, 72.9983, 58.0002

Protanomaly

64.3589, 72.5633, 55.4138

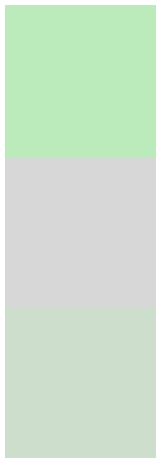
Deuteranomaly

67.4638, 72.0886, 59.0740

Tritanomaly

63.3309, 72.7038, 80.5074

Monochromacy



Original Color

58.8860, 72.9983, 58.0002

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

62.3176, 69.6295, 67.9130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8860, 72.9983, 58.0002 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, 234, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 234, 187)  
}
```

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, 234, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 234, 187) }
```

Border

The CSS property to change the border of an element to XYZ 58.8860, 72.9983, 58.0002 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, 234, 187) }
```


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

```
.border{ border-color:rgb(187, 234, 187) }
```

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

Here you see how a box with a 4 pixel rgb(187, 234, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 234, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 234, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 234,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8860, 72.9983, 58.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 234, 187) }
```

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

```
.background{ background-color: rgb(187,  
234, 187) }
```

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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