

Converting Colors

XYZ(57.9799, 70.8846, 56.5278)

Have a look what the booklet for
XYZ(57.9799, 70.8846, 56.5278)
contains.

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Color

**XYZ(58.0400, 70.9152,
56.5279)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE6B9
RGB	189, 230, 185
RGB Percent	74%, 90%, 73%
CMY	0.2588, 0.0980, 0.2745
CMYK	0.18, 0.00, 0.20, 0.10
HSL	115°, 47%, 81%
HSV	115°, 20%, 90%
XYZ	58.0400, 70.9152, 56.5279
YIQ	212.6110, -9.9910, -22.6870

Conversions

Conversions Part 2

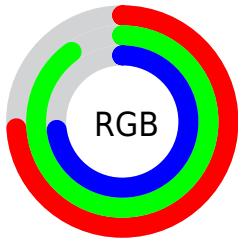
Format	Color
RYB	185, 230, 226
Decimal	12445369
CIELab	87.44, -21.68, 17.61
CIELCh	87, 27.932, 140.919
Yxy	70.9152, 0.3129, 0.3823
Android (android.graphics.Color)	4290635449 (0xFFBDE6B9)
YUV	212.6110, -13.6122, -20.7068
Hunter-Lab	84.2112, -24.3438, 19.1486

Details

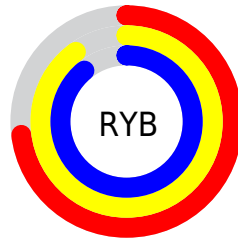
The XYZ color **58.0400, 70.9152, 56.5279** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.9989, 56.5819, 82.4676**, and the grayscale version is **63.0804, 66.3655, 72.2720**.

A 20% lighter version of the original color is **89.6432, 97.4637, 97.3068**, and **29.2926, 37.0889, 27.4448** is the 20% darker color. If you saturate the color by 10%, you get **50.9778, 67.5348, 44.5318**, and if you desaturate by 10%, it is **66.2500, 74.8460, 70.6311**.

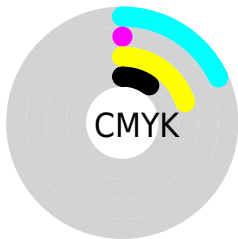
Distribution



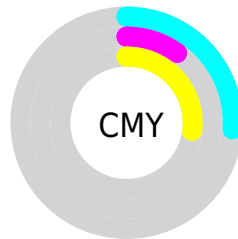
- Red (74%)
- Green (90%)
- Blue (73%)



- Red (73%)
- Yellow (90%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (26%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0400, 70.9152, 56.5279 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 58.0400, 70.9152, 56.5279 by changing the saturation by 10% instead.

■ 58.0400, 70.9152,
56.5279

■ 58.0400, 70.9152,
56.5279

407.2864,
463.7569, 429.1220

■ 42.0842, 52.2730,
40.2195

■ 101.1037,
120.5130, 101.2695

■ 29.3586, 37.2227,
27.3946

128.9424,
152.2373, 130.5398

■ 19.4979, 25.3800,
17.6348

161.4727,
189.0912, 164.9677

■ 12.1367, 16.3604,
10.5214

199.0600,
231.4590, 204.9719

■ 6.9097, 9.7795,
5.6359

242.0697,
279.7250, 250.9709

■ 3.4515, 5.2530,
2.5598


290.8670,

■ 1.3968, 2.3965,


334.2738, 303.3832


0.8716


345.8175,
395.4896, 362.6274


 0.2539, 0.8241,
0.0000


 0.0000, 0.0000,
0.0000

 58.0400, 70.9152,
56.5279


 58.0400, 70.9152,
56.5279

 50.9778, 67.5348,
44.5318


 66.2500, 74.8460,
70.6311

 45.0069, 64.6717,
34.5372

 75.6497, 79.3408,
86.9306

 40.0742, 62.3030,
26.4367

 86.2863, 84.4237,
105.5164

 36.1202, 60.4006,
20.1107

 87.5882, 85.0764,
106.4127

■ 33.0794, 58.9335,
15.4261

■ 30.8779, 57.8670,
12.2312

■ 29.4304, 57.1610,
10.3461

■ 28.6204, 56.7619,
9.4763

■ 28.5957, 56.7498,
9.4467

Harmonies

Analogous

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



62.9802, 70.9152, 48.0431



58.0400, 70.9152, 56.5279



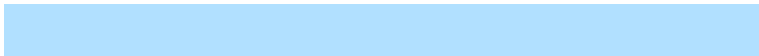
55.6520, 70.9152, 71.6294

Triad

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



58.0400, 70.9152, 56.5279



65.4233, 70.9152, 118.8642



79.9411, 70.9152, 64.9720

Complementary

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



58.0400, 70.9152, 56.5279



62.9989, 56.5819, 82.4676

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.



80.7012, 70.9152, 83.0829



58.0400, 70.9152, 56.5279



72.0277, 70.9152, 116.3008

Square

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



58.0400, 70.9152, 56.5279



59.7283, 70.9152, 108.9386



77.7219, 70.9152, 102.4173



75.7080, 70.9152, 52.3380

Rectangle

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



58.0400, 70.9152, 56.5279



55.7141, 70.9152, 84.2927



77.7219, 70.9152, 102.4173



80.6216, 70.9152, 70.5443

Sweetspot

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



58.0419, 70.9182, 56.5295



87.7396, 96.5047, 96.2075



68.4537, 74.4504, 56.6625



18.6168, 20.5780, 20.3100



0.0000, 0.0000, 0.0000



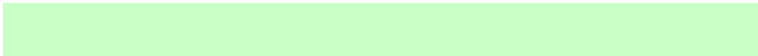
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0419, 70.9182, 56.5295



70.0024, 88.0170, 65.7331



59.0861, 71.2229, 67.1351



14.3075, 16.1501, 15.2676



16.2314, 32.1491, 5.3499



1.2406, 2.3969, 0.3973

Inverse Universe

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



62.9989, 56.5819, 82.4676



77.2174, 67.1428, 103.4978



61.8682, 56.2762, 69.8914



14.8622, 14.5467, 18.1688



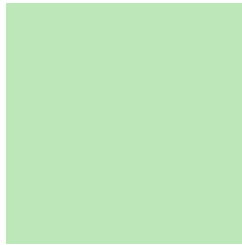
23.1164, 10.9828, 43.2847



1.7455, 0.8308, 3.2003

Previews

White Background



This preview shows how the XYZ color 58.0400, 70.9152, 56.5279 looks on a white background.

Color Contrast Check

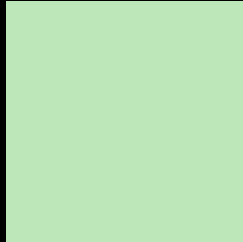
Large Text (above 18pt) WCAG AA × Fail

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 58.0400, 70.9152, 56.5279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

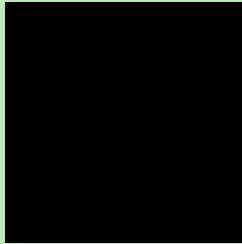
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

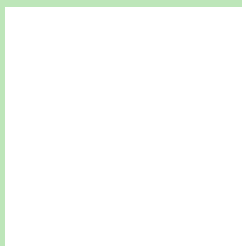
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0400, 70.9152, 56.5279

Background



This preview shows how black text looks on a background with the XYZ color 58.0400, 70.9152, 56.5279.

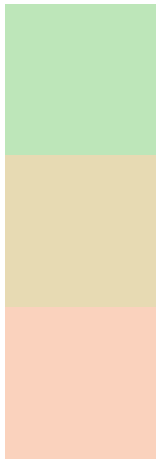


This preview shows how white text looks on a background with the XYZ color 58.0400, 70.9152,

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

58.0400, 70.9152, 56.5279

Protanopia

66.1631, 70.3864, 52.7466

Deuteranopia

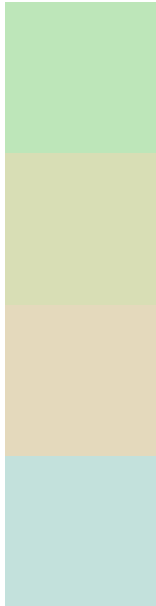
71.6562, 70.0913, 57.8964



Tritanopia

65.1382, 70.5396, 92.6204

Trichromacy



Original Color

58.0400, 70.9152, 56.5279

Protanomaly

62.7807, 70.1777, 53.9528

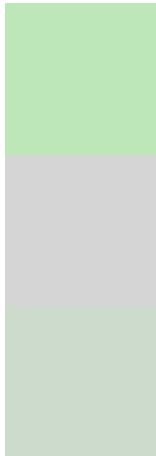
Deuteranomaly

65.8849, 69.7505, 57.5676

Tritanomaly

62.3492, 70.6198, 78.0550

Monochromacy



Original Color

58.0400, 70.9152, 56.5279

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.0128, 67.8122, 66.3733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0400, 70.9152, 56.5279 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(189, 230, 185)` looks like.

```
.text, #text, p{  
    color:rgb(189, 230, 185)  
}
```

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(189, 230, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 230, 185) }
```

Border

The CSS property to change the border of an element to XYZ 58.0400, 70.9152, 56.5279 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(189, 230, 185) }
```


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

```
.border{ border-color:rgb(189, 230, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 230, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 230, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 230, 185);  
box-shadow:4px 4px 4px 4px rgb(189, 230,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0400, 70.9152, 56.5279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 230, 185) }
```

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

```
.background{ background-color: rgb(189,  
230, 185) }
```

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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