

Converting Colors

XYZ(57.1985, 72.1035, 59.0468)

Have a look what the booklet for
XYZ(57.1985, 72.1035, 59.0468)
contains.

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Color

**XYZ(57.1985, 72.1035,
59.0468)**

Conversions

Conversions Part 1

Format	Color
Hex	B3EABD
RGB	179, 234, 189
RGB Percent	70%, 92%, 74%
CMY	0.2980, 0.0823, 0.2588
CMYK	0.24, 0.00, 0.19, 0.08
HSL	131°, 57%, 81%
HSV	131°, 24%, 92%
XYZ	57.1985, 72.1035, 59.0468
YIQ	212.4250, -18.3350, -25.6550

Conversions

Conversions Part 2

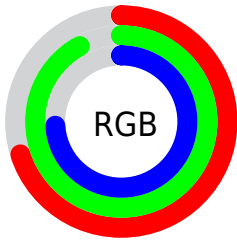
Format	Color
RYB	179, 226, 234
Decimal	11791037
CIELab	88.02, -26.22, 16.25
CIElCh	88, 30.845, 148.216
Yxy	72.1035, 0.3037, 0.3828
Android (android.graphics.Color)	4289981117 (0xFFB3EABD)
YUV	212.4250, -11.5485, -29.3137
Hunter-Lab	84.9138, -28.3603, 18.2109

Details

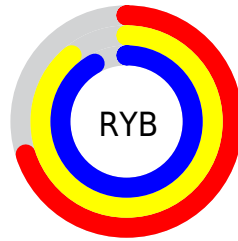
The XYZ color **57.1985, 72.1035, 59.0468** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.5088, 55.1160, 77.8152**, and the grayscale version is **62.9470, 66.2251, 72.1191**.

A 20% lighter version of the original color is **86.8335, 95.9454, 100.3289**, and **28.8218, 37.9783, 29.1040** is the 20% darker color. If you saturate the color by 10%, you get **50.2995, 68.7735, 48.5824**, and if you desaturate by 10%, it is **65.2936, 76.0225, 71.0023**.

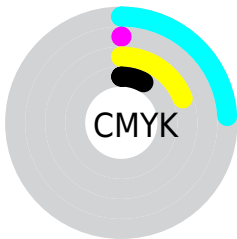
Distribution



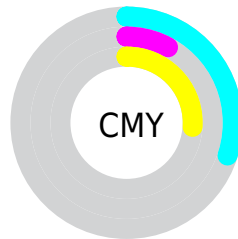
- Red (70%)
- Green (92%)
- Blue (74%)



- Red (70%)
- Yellow (89%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)



- Cyan (30%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1985, 72.1035, 59.0468 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 57.1985, 72.1035, 59.0468 by changing the saturation by 10% instead.

■ 57.1985, 72.1035,
59.0468

■ 57.1985, 72.1035,
59.0468

404.1949,
467.9018, 438.7820

■ 41.4054, 53.2432,
42.2305

■ 99.8845, 122.2037,
104.9755

■ 28.8251, 37.9970,
28.9549

127.5080,
154.2124, 134.9250

■ 19.0921, 25.9803,
18.8014

159.8058,
191.3726, 170.0893

■ 11.8413, 16.8089,
11.3515

197.1431,
234.0689, 210.8869

■ 6.7071, 10.0984,
6.1867

239.8853,
282.6856, 257.7365

■ 3.3243, 5.4642,
2.8883


288.3977,

■ 1.3275, 2.5221,


337.6070, 311.0565


1.0379


343.0458,
399.2176, 371.2655


 0.2037, 0.8877,
0.0000


 0.0000, 0.0000,
0.0000


 57.1985, 72.1035,
59.0468


 57.1985, 72.1035,
59.0468


 50.2995, 68.7735,
48.5824


 65.2936, 76.0225,
71.0023


 44.5337, 65.9951,
39.5461

 74.6320, 80.5475,
84.4994

 39.8414, 63.7410,
31.8773

 85.2655, 85.7063,
99.5918

 36.1549, 61.9777,
25.5091

 88.7142, 87.3285,
106.7881

■ 33.3987, 60.6677,
20.3692

■ 31.4861, 59.7681,
16.3779

■ 30.3136, 59.2274,
13.4464

■ 29.8520, 59.0196,
12.0607

Harmonies

Analogous

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



62.0600, 72.1035, 47.9504



57.1985, 72.1035, 59.0468



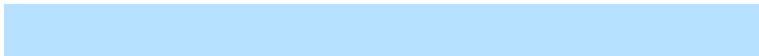
55.3447, 72.1035, 77.2542

Triad

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



57.1985, 72.1035, 59.0468



68.0929, 72.1035, 126.3556



81.7664, 72.1035, 60.8716

Complementary

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



57.1985, 72.1035, 59.0468



63.5088, 55.1160, 77.8152

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.



83.6639, 72.1035, 79.7762



57.1985, 72.1035, 59.0468



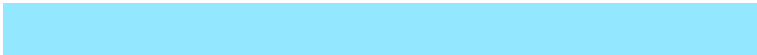
75.4394, 72.1035, 119.8855

Square

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



57.1985, 72.1035, 59.0468



61.3490, 72.1035, 118.2211



81.2721, 72.1035, 101.8358



76.2554, 72.1035, 48.8639

Rectangle

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



57.1985, 72.1035, 59.0468



55.9558, 72.1035, 91.8643



81.2721, 72.1035, 101.8358



82.8646, 72.1035, 66.5142

Sweetspot

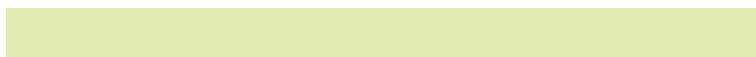
The Sweet Spot groups the original color and five complimentary colors.



57.2004, 72.1065, 59.0484



86.5222, 95.8652, 96.6901



68.5618, 78.0847, 54.1067



18.3697, 20.4466, 20.4799



0.0000, 0.0000, 0.0000



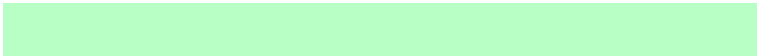
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2004, 72.1065, 59.0484



65.4617, 85.6731, 65.6589



60.3670, 73.3732, 75.7233



14.9802, 16.9069, 16.5784



16.8074, 33.1774, 6.9509



1.3517, 2.6180, 0.7137

Inverse Universe

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



63.5088, 55.1160, 77.8152



74.3272, 61.7869, 92.0272



60.1702, 53.7806, 60.2346



15.5905, 15.2640, 18.3947



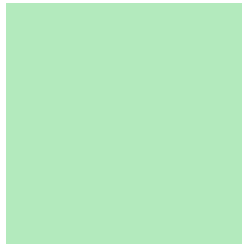
24.4235, 11.9721, 29.0951



1.9484, 0.9523, 2.4457

Previews

White Background



This preview shows how the XYZ color 57.1985, 72.1035, 59.0468 looks on a white background.

Color Contrast Check

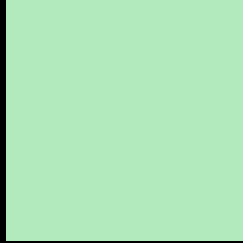
Large Text (above 18pt) WCAG AA × Fail

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 57.1985, 72.1035, 59.0468 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 57.1985, 72.1035, 59.0468

Background



This preview shows how black text looks on a background with the XYZ color 57.1985, 72.1035, 59.0468.



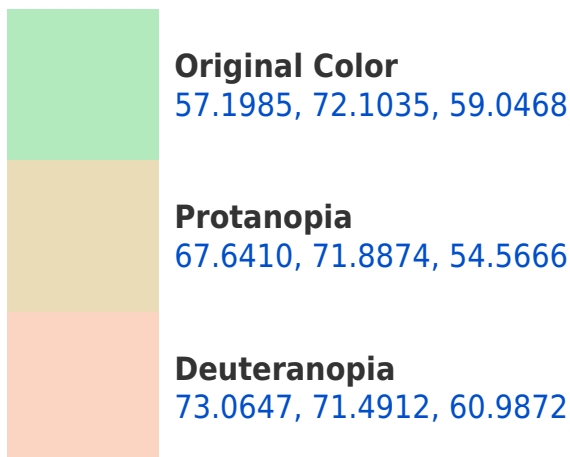
This preview shows how white text looks on a background with the XYZ color 57.1985, 72.1035,

59.0468.

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





Tritanopia

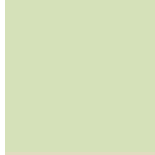
64.5118, 71.7432, 96.0356

Trichromacy



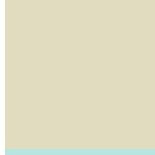
Original Color

57.1985, 72.1035, 59.0468



Protanomaly

63.1227, 71.4993, 56.3728



Deuteranomaly

66.1590, 70.9997, 60.0865



Tritanomaly

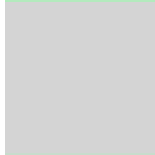
61.4814, 71.7347, 81.1268

Monochromacy



Original Color

57.1985, 72.1035, 59.0468



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

60.3117, 67.8254, 67.0396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1985, 72.1035, 59.0468 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(179, 234, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 234, 189)  
}
```

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(179, 234, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 234, 189) }
```

Border

The CSS property to change the border of an element to XYZ 57.1985, 72.1035, 59.0468 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(179, 234, 189) }
```


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

```
.border{ border-color:rgb(179, 234, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 234, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 234, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 234, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 234,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1985, 72.1035, 59.0468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 234, 189) }
```

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

```
.background{ background-color: rgb(179,  
234, 189) }
```

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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