

Converting Colors

XYZ(56.7367, 68.3068, 63.7014)

Have a look what the booklet for
XYZ(56.7367, 68.3068, 63.7014)
contains.

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Color

**XYZ(56.9178, 68.5372,
63.6552)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | B7E2C6 |
| RGB | 183, 226, 198 |
| RGB Percent | 72%, 89%, 78% |
| CMY | 0.2823, 0.1137, 0.2235 |
| CMYK | 0.19, 0.00, 0.12, 0.11 |
| HSL | 141°, 43%, 80% |
| HSV | 141°, 19%, 89% |
| XYZ | 56.9178, 68.5372, 63.6552 |
| YIQ | 209.9510, -16.6400, -17.8240 |

Conversions

Conversions Part 2

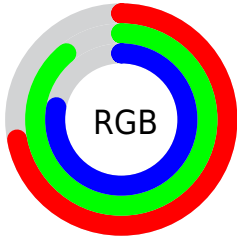
| Format | Color |
|-------------------------------------|---|
| RYB | 183, 215, 226 |
| Decimal | 12051142 |
| CIELab | 86.27, -19.39, 9.10 |
| CIElCh | 86, 21.424, 154.857 |
| Yxy | 68.5372, 0.3010, 0.3624 |
| Android (android.graphics.Color) | 4290241222 (0xFFB7E2C6) |
| YUV | 209.9510, -5.8918, -23.6360 |
| Hunter-Lab | 82.7872, -22.1554, 12.3629 |

Details

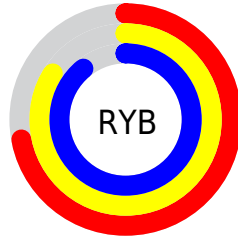
The XYZ color **56.9178, 68.5372, 63.6552** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.0577, 54.7405, 69.0315**, and the grayscale version is **61.2732, 64.4642, 70.2015**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.6502, 35.8066, 31.7869** is the 20% darker color. If you saturate the color by 10%, you get **50.3521, 65.3411, 54.9135**, and if you desaturate by 10%, it is **64.5154, 72.2501, 73.3091**.

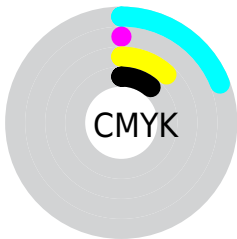
Distribution



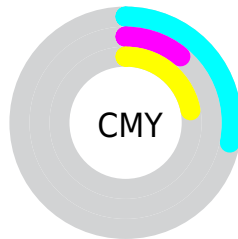
- Red (72%)
- Green (89%)
- Blue (78%)



- Red (72%)
- Yellow (84%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)





- Cyan (28%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.9178, 68.5372, 63.6552 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 56.9178, 68.5372, 63.6552 by changing the saturation by 10% instead.


 56.9178, 68.5372,
63.6552

 56.9178, 68.5372,
63.6552

403.1604,
455.3970, 456.1167

 41.1791, 50.3349,
45.9271


 99.4773, 117.1203,
111.7089

 28.6474, 35.6796,
31.8400


127.0288,
148.2699, 142.8716

 18.9572, 24.1868,
20.9755


159.2487,
184.5041, 179.3495

 11.7432, 15.4723,
12.9150

196.5022,
226.2072, 221.5612

 6.6400, 9.1515,
7.2400

239.1548,
273.7636, 269.9252

 3.2823, 4.8401,
3.5319


287.5718,

 1.3047, 2.1538,


327.5578, 324.8601


1.3723


342.1185,
387.9741, 386.7844


 0.1868, 0.6946,
0.1199


 0.0000, 0.0000,
0.0000


 56.9178, 68.5372,
63.6552


 56.9178, 68.5372,
63.6552

 50.3521, 65.3411,
54.9135


 64.5154, 72.2501,
73.3091


 44.7668, 62.6300,
47.0530

 73.1822, 76.4926,
83.8962

 40.1145, 60.3819,
40.0473

 82.9603, 81.2880,
95.4425

 36.3414, 58.5696,
33.8670

 86.4877, 82.8753,
106.0459

■ 33.3879, 57.1632,
28.4811

■ 31.1866, 56.1284,
23.8564

■ 29.6584, 55.4254,
19.9573

■ 28.6830, 54.9926,
16.7439

■ 28.6029, 54.9574,
16.4659

Harmonies

Analogous

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



59.8639, 68.5372, 54.4572



56.9178, 68.5372, 63.6552



56.1302, 68.5372, 76.9522

Triad

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



56.9178, 68.5372, 63.6552



65.9500, 68.5372, 105.1405



73.2507, 68.5372, 60.1344

Complementary

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



56.9178, 68.5372, 63.6552



60.0577, 54.7405, 69.0315

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.



75.0714, 68.5372, 72.3459



56.9178, 68.5372, 63.6552



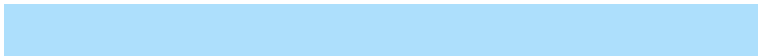
70.7227, 68.5372, 99.2438

Square

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



56.9178, 68.5372, 63.6552



61.1901, 68.5372, 102.0551



74.1238, 68.5372, 86.7886



69.2616, 68.5372, 52.6117

Rectangle

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



56.9178, 68.5372, 63.6552



56.8995, 68.5372, 86.6527



74.1238, 68.5372, 86.7886



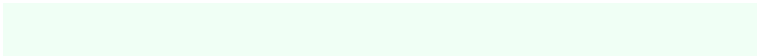
74.1456, 68.5372, 63.7658

Sweetspot

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



56.9197, 68.5401, 63.6567



88.0805, 96.5876, 100.4167



62.8015, 71.7624, 55.3420



18.6972, 20.5976, 21.3015



0.0000, 0.0000, 0.0000



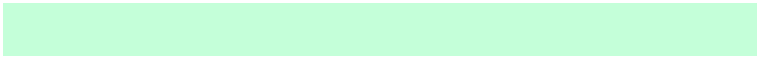
20.3446, 21.4041, 23.3091

Same Dimension

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



56.9197, 68.5401, 63.6567



71.1155, 88.3025, 78.8108



59.4912, 69.5687, 77.1984



13.7252, 15.4158, 15.5881



16.3680, 31.3720, 9.6607



1.1758, 2.1911, 0.8872

Inverse Universe

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



60.0577, 54.7405, 69.0315



75.9882, 66.8696, 87.1528



57.6120, 53.7622, 56.1525



14.0813, 13.8502, 16.1985



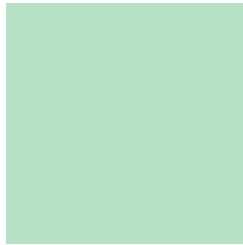
20.9633, 10.4523, 17.0045



1.4949, 0.7412, 1.3989

Previews

White Background



This preview shows how the XYZ color 56.9178, 68.5372, 63.6552 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 56.9178, 68.5372, 63.6552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

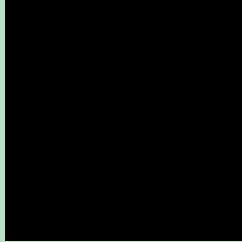
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

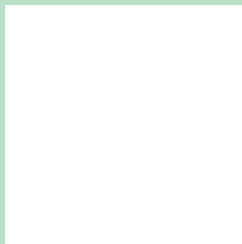
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.9178, 68.5372, 63.6552

Background



This preview shows how black text looks on a background with the XYZ color 56.9178, 68.5372, 63.6552.

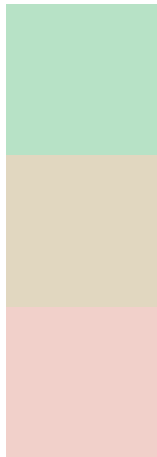


This preview shows how white text looks on a background with the XYZ color 56.9178, 68.5372,

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

56.9178, 68.5372, 63.6552

Protanopia

64.8662, 68.4142, 59.6556

Deuteranopia

69.4922, 68.0768, 65.3546



Tritanopia

62.2610, 68.3066, 90.7919

Trichromacy



Original Color

56.9178, 68.5372, 63.6552

Protanomaly

61.6475, 68.2597, 60.9652

Deuteranomaly

64.3583, 68.0336, 64.9981

Tritanomaly

59.9341, 68.1351, 79.8046

Monochromacy



Original Color

56.9178, 68.5372, 63.6552

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.5159, 65.8473, 67.9655

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9178, 68.5372, 63.6552 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(183, 226, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 226, 198)  
}
```

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(183, 226, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 226, 198) }
```

Border

The CSS property to change the border of an element to XYZ 56.9178, 68.5372, 63.6552 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(183, 226, 198) }
```


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

```
.border{ border-color:rgb(183, 226, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 226, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 226, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 226, 198);  
box-shadow:4px 4px 4px 4px rgb(183, 226,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9178, 68.5372, 63.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 226, 198) }
```

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

```
.background{ background-color: rgb(183,  
226, 198) }
```

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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