

Converting Colors

XYZ(56.2074, 67.7707, 55.1671)

Have a look what the booklet for
XYZ(56.2074, 67.7707, 55.1671)
contains.

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Color

**XYZ(56.2115, 67.9607,
54.9548)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE1B7
RGB	188, 225, 183
RGB Percent	74%, 88%, 72%
CMY	0.2627, 0.1176, 0.2823
CMYK	0.16, 0.00, 0.19, 0.12
HSL	113°, 41%, 80%
HSV	113°, 19%, 88%
XYZ	56.2115, 67.9607, 54.9548
YIQ	209.1490, -8.5700, -20.9060

Conversions

Conversions Part 2

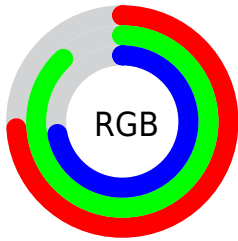
Format	Color
RYB	183, 225, 220
Decimal	12378551
CIELab	85.99, -19.90, 16.60
CIELCh	86, 25.919, 140.170
Yxy	67.9607, 0.3138, 0.3794
Android (android.graphics.Color)	4290568631 (0xFFBCE1B7)
YUV	209.1490, -12.8915, -18.5477
Hunter-Lab	82.4383, -22.5547, 18.1830

Details

The XYZ color **56.2115, 67.9607, 54.9548** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.0421, 54.5208, 78.5967**, and the grayscale version is **60.7886, 63.9544, 69.6463**.

A 20% lighter version of the original color is **88.9962, 97.1645, 95.7254**, and **28.2355, 35.4295, 26.4695** is the 20% darker color. If you saturate the color by 10%, you get **49.5022, 64.7532, 43.3777**, and if you desaturate by 10%, it is **63.9696, 71.6695, 68.5381**.

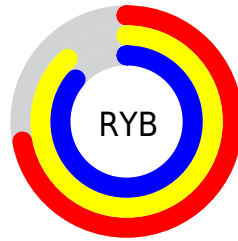
Distribution



Red (74%)

Green (88%)

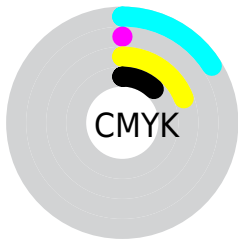
Blue (72%)



Red (72%)

Yellow (88%)

Blue (86%)

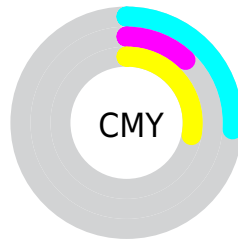


Cyan (16%)

Magenta (0%)

Yellow (19%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.2115, 67.9607, 54.9548 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 56.2115, 67.9607, 54.9548 by changing the saturation by 10% instead.

■ 56.2115, 67.9607,
54.9548

■ 56.2115, 67.9607,
54.9548

400.5502,
453.3568, 423.0177

■ 40.6102, 49.8658,
38.9672

■ 98.4518, 116.2959,
98.9452

■ 28.2009, 35.3067,
26.4266

125.8214,
147.3050, 127.7851

■ 18.6184, 23.8993,
16.9144

157.8446,
183.3876, 161.7461

■ 11.4972, 15.2589,
10.0122

194.8866,
224.9280, 201.2469

■ 6.4721, 9.0013,
5.3013

237.3128,
272.3108, 246.7059

■ 3.1776, 4.7420,
2.3633

285.4886,

■ 1.2483, 2.0967,

325.9202, 298.5416

0.7664

339.7792,
386.1408, 357.1727

■ 0.1440, 0.6628,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2115, 67.9607,
54.9548

■ 56.2115, 67.9607,
54.9548

■ 49.5022, 64.7532,
43.3777

■ 63.9696, 71.6695,
68.5381

■ 43.7914, 62.0173,
33.7076

■ 72.8133, 75.8909,
84.2116

■ 39.0326, 59.7332,
25.8435

■ 82.7841, 80.6463,
102.0600

■ 35.1736, 57.8764,
19.6733

■ 86.2166, 82.3331,
105.9555

■ 32.1571, 56.4200,
15.0726

■ 29.9190, 55.3342,
11.8999

■ 28.3859, 54.5845,
9.9879

■ 27.4617, 54.1271,
9.0863

■ 27.3728, 54.0831,
8.9964

Harmonies

Analogous

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



60.7345, 67.9607, 47.3356



56.2115, 67.9607, 54.9548



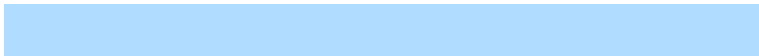
53.9779, 67.9607, 68.5503

Triad

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



56.2115, 67.9607, 54.9548



62.6634, 67.9607, 111.1495



75.9243, 67.9607, 63.2785

Complementary

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



56.2115, 67.9607, 54.9548



60.0421, 54.5208, 78.5967

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.



76.5194, 67.9607, 79.7262



56.2115, 67.9607, 54.9548



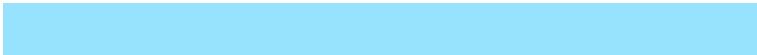
68.6149, 67.9607, 109.1597

Square

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



56.2115, 67.9607, 54.9548



57.5491, 67.9607, 102.0788



73.7723, 67.9607, 96.9983



72.1929, 67.9607, 51.6057

Rectangle

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



56.2115, 67.9607, 54.9548



53.9883, 67.9607, 79.9270



73.7723, 67.9607, 96.9983



76.5062, 67.9607, 68.3691

Sweetspot

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



56.2133, 67.9636, 54.9563



87.8974, 96.5861, 96.2149



65.0375, 70.3017, 54.9425



18.6539, 20.5971, 20.3117



0.0000, 0.0000, 0.0000



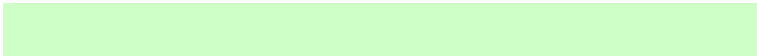
20.3446, 21.4041, 23.3091

Same Dimension

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



56.2133, 67.9636, 54.9563



71.3935, 88.7002, 67.3300



56.6950, 68.0165, 63.8105



13.6796, 15.4150, 14.5612



15.8236, 31.1899, 5.1863



1.1476, 2.1881, 0.3619

Inverse Universe

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



60.0421, 54.5208, 78.5967



77.2764, 68.0364, 103.6672



59.5703, 54.5095, 68.0960



14.1260, 13.8485, 17.3162



21.3506, 10.1020, 41.8729



1.5259, 0.7239, 2.9045

Previews

White Background



This preview shows how the XYZ color 56.2115, 67.9607, 54.9548 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 56.2115, 67.9607, 54.9548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

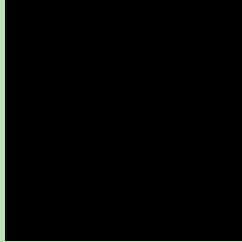
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2115, 67.9607, 54.9548

Background



This preview shows how black text looks on a background with the XYZ color 56.2115, 67.9607, 54.9548.



This preview shows how white text looks on a background with the XYZ color 56.2115, 67.9607,

54.9548.

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

56.2115, 67.9607, 54.9548

Protanopia

63.7610, 67.6384, 51.8144

Deuteranopia

68.9387, 67.6260, 56.4334



Tritanopia

63.0928, 68.0113, 88.3994

Trichromacy



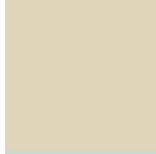
Original Color

56.2115, 67.9607, 54.9548



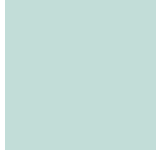
Protanomaly

60.7502, 67.5842, 53.0232



Deuteranomaly

63.6500, 67.4856, 56.1257



Tritanomaly

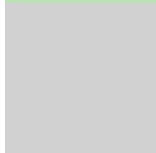
60.4993, 68.1401, 74.9295

Monochromacy



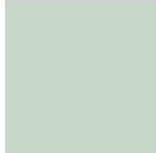
Original Color

56.2115, 67.9607, 54.9548



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.8132, 65.1885, 64.1264

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2115, 67.9607, 54.9548 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(188, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(188, 225, 183)  
}
```

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(188, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 225, 183) }
```

Border

The CSS property to change the border of an element to XYZ 56.2115, 67.9607, 54.9548 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(188, 225, 183) }
```


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

```
.border{ border-color:rgb(188, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 225, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 225, 183); box-shadow:4px 4px 4px 4px rgb(188, 225, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2115, 67.9607, 54.9548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 225, 183) }
```

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

```
.background{ background-color: rgb(188,  
225, 183) }
```

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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