

Converting Colors

XYZ(55.0383, 67.8132, 58.4077)

Have a look what the booklet for
XYZ(55.0383, 67.8132, 58.4077)
contains.

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Color

**XYZ(54.9721, 67.6505,
58.3046)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E2BD
RGB	179, 226, 189
RGB Percent	70%, 89%, 74%
CMY	0.2980, 0.1137, 0.2588
CMYK	0.21, 0.00, 0.16, 0.11
HSL	133°, 45%, 79%
HSV	133°, 21%, 89%
XYZ	54.9721, 67.6505, 58.3046
YIQ	207.7290, -16.1350, -21.4710

Conversions

Conversions Part 2

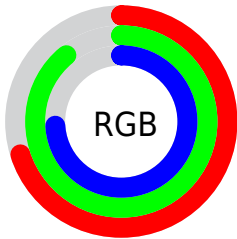
Format	Color
RYB	179, 218, 226
Decimal	11788989
CIELab	85.83, -22.34, 13.16
CIELCh	86, 25.931, 149.497
Yxy	67.6505, 0.3038, 0.3739
Android (android.graphics.Color)	4289979069 (0xFFB3E2BD)
YUV	207.7290, -9.2334, -25.1953
Hunter-Lab	82.2499, -24.6361, 15.5460

Details

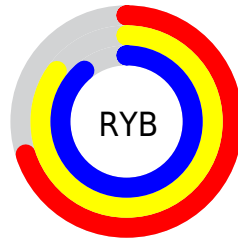
The XYZ color **54.9721, 67.6505, 58.3046** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.8812, 53.3685, 72.1139**, and the grayscale version is **59.8456, 62.9622, 68.5659**.

A 20% lighter version of the original color is **86.5024, 95.7747, 100.3134**, and **27.4643, 35.2634, 28.6515** is the 20% darker color. If you saturate the color by 10%, you get **48.3564, 64.4515, 48.5247**, and if you desaturate by 10%, it is **62.6845, 71.3913, 69.3755**.

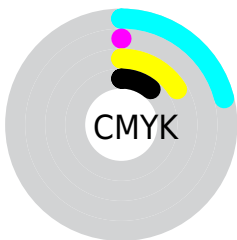
Distribution



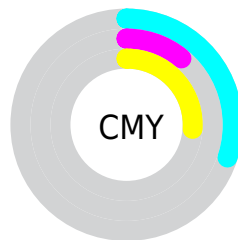
- Red (70%)
- Green (89%)
- Blue (74%)



- Red (70%)
- Yellow (85%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9721, 67.6505, 58.3046 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 54.9721, 67.6505, 58.3046 by changing the saturation by 10% instead.

■ 54.9721, 67.6505,
58.3046

■ 54.9721, 67.6505,
58.3046

395.9443,
452.2567, 435.9499

■ 39.6131, 49.6135,
41.6373

■ 96.6486, 115.8520,
103.8855

■ 27.4199, 35.1064,
28.4939

123.6969,
146.7853, 133.6360

■ 18.0271, 23.7448,
18.4560

155.3724,
182.7861, 168.5848

■ 11.0692, 15.1444,
11.1051

192.0403,
224.2388, 209.1502

■ 6.1810, 8.9208,
6.0225

234.0661,
271.5278, 255.7509

■ 2.9972, 4.6896,
2.7897

281.8152,

■ 1.1523, 2.0663,

325.0375, 308.8054

0.9883

335.6528,
385.1524, 368.7322

■ 0.0682, 0.6456,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9721, 67.6505,
58.3046

■ 54.9721, 67.6505,
58.3046

■ 48.3564, 64.4515,
48.5247

■ 62.6845, 71.3913,
69.3755

■ 42.7817, 61.7609,
39.9843

■ 71.5351, 75.6886,
81.7775

■ 38.1958, 59.5547,
32.6353

■ 81.5699, 80.5672,
95.5544

■ 34.5393, 57.8034,
26.4244

■ 86.4876, 82.8752,
106.0459

■ 31.7466, 56.4744,
21.2945

■ 29.7432, 55.5305,
17.1832

■ 28.4411, 54.9279,
14.0221

■ 27.7328, 54.6093,
11.8843

Harmonies

Analogous

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



58.8501, 67.6505, 48.7480



54.9721, 67.6505, 58.3046



53.5640, 67.6505, 73.3740

Triad

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



54.9721, 67.6505, 58.3046



64.1999, 67.6505, 111.3538



74.7375, 67.6505, 58.7299

Complementary

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



54.9721, 67.6505, 58.3046



59.8812, 53.3685, 72.1139

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.



76.3820, 67.6505, 73.9466



54.9721, 67.6505, 58.3046



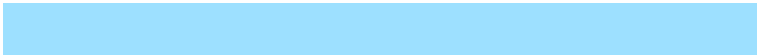
70.0759, 67.6505, 105.8753

Square

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



54.9721, 67.6505, 58.3046



58.6871, 67.6505, 105.5111



74.6271, 67.6505, 91.4990



70.2594, 67.6505, 48.9658

Rectangle

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



54.9721, 67.6505, 58.3046



54.1443, 67.6505, 85.0990



74.6271, 67.6505, 91.4990



75.6518, 67.6505, 63.2948

Sweetspot

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



54.9739, 67.6534, 58.3061



87.7643, 96.4612, 98.7517



63.8322, 72.3411, 53.2477



18.6227, 20.5678, 20.9089



0.0000, 0.0000, 0.0000



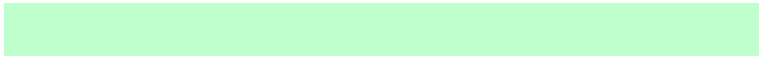
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9739, 67.6534, 58.3061



68.3057, 87.0276, 70.8373



57.6600, 68.7278, 72.4505



13.6475, 15.3847, 15.1790



15.8563, 31.1674, 6.9664



1.1319, 2.1735, 0.6559

Inverse Universe

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



59.8812, 53.3685, 72.1139



75.8679, 65.0078, 92.1108



57.1230, 52.2652, 57.5896



14.1636, 13.8831, 16.6317



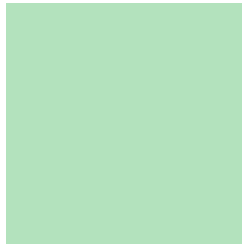
22.5181, 11.0742, 25.1918



1.5924, 0.7802, 1.9124

Previews

White Background



This preview shows how the XYZ color 54.9721, 67.6505, 58.3046 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 54.9721, 67.6505, 58.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

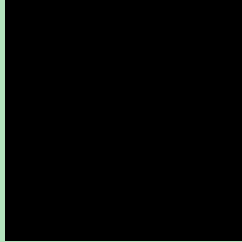
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9721, 67.6505, 58.3046

Background



This preview shows how black text looks on a background with the XYZ color 54.9721, 67.6505, 58.3046.



This preview shows how white text looks on a background with the XYZ color 54.9721, 67.6505,

58.3046.

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

54.9721, 67.6505, 58.3046

Protanopia

63.3928, 67.0149, 54.3938

Deuteranopia

68.3149, 66.8701, 59.7587



Tritanopia

61.1111, 67.3423, 89.8982

Trichromacy



Original Color

54.9721, 67.6505, 58.3046

Protanomaly

59.8408, 67.0555, 55.6880

Deuteranomaly

62.5221, 66.4543, 59.4009

Tritanomaly

58.8067, 67.6002, 77.6588

Monochromacy



Original Color

54.9721, 67.6505, 58.3046

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.8690, 64.6882, 64.6944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9721, 67.6505, 58.3046 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, 226, 189)` looks like.

```
.text, #text, p{  
    color:rgb(179, 226, 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, 226, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 226, 189) }
```

Border

The CSS property to change the border of an element to XYZ 54.9721, 67.6505, 58.3046 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, 226, 189) }
```


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

```
.border{ border-color:rgb(179, 226, 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, 226, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 226, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 226, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 226,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9721, 67.6505, 58.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 226, 189) }
```

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

```
.background{ background-color: rgb(179,  
226, 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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