

Converting Colors

XYZ(54.9316, 67.7134, 54.4333)

Have a look what the booklet for
XYZ(54.9316, 67.7134, 54.4333)
contains.

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Color

**XYZ(54.9313, 67.7152,
54.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E2B6
RGB	182, 226, 182
RGB Percent	71%, 89%, 71%
CMY	0.2863, 0.1137, 0.2863
CMYK	0.19, 0.00, 0.19, 0.11
HSL	120°, 43%, 80%
HSV	120°, 19%, 89%
XYZ	54.9313, 67.7152, 54.4311
YIQ	207.8280, -12.1000, -23.0120

Conversions

Conversions Part 2

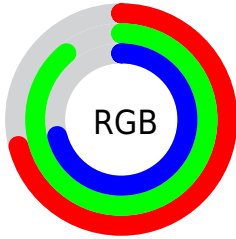
Format	Color
RYB	182, 226, 226
Decimal	11985590
CIELab	85.86, -22.59, 16.90
CIELCh	86, 28.207, 143.198
Yxy	67.7152, 0.3102, 0.3824
Android (android.graphics.Color)	4290175670 (0xFFB6E2B6)
YUV	207.8280, -12.7332, -22.6512
Hunter-Lab	82.2892, -24.8504, 18.3845

Details

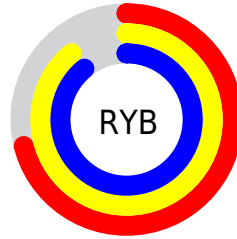
The XYZ color **54.9313, 67.7152, 54.4311** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61.8219, 55.1173, 79.3350**, and the grayscale version is **59.9298, 63.0508, 68.6624**.

A 20% lighter version of the original color is **86.4525, 95.8702, 94.8372**, and **27.4274, 35.3000, 26.1369** is the 20% darker color. If you saturate the color by 10%, you get **47.8683, 64.3245, 42.8768**, and if you desaturate by 10%, it is **63.2363, 71.7065, 68.0140**.

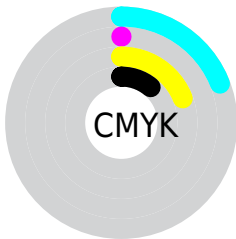
Distribution



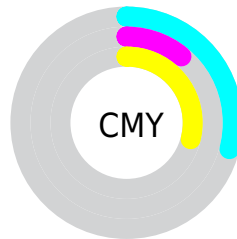
- Red (71%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (89%)



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





- Cyan (29%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9313, 67.7152, 54.4311 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 54.9313, 67.7152, 54.4311 by changing the saturation by 10% instead.


 54.9313, 67.7152,
54.4311

 54.9313, 67.7152,
54.4311

395.7921,
452.4863, 420.9728

 39.5803, 49.6661,
38.5509


 96.5892, 115.9446,
98.1697

 27.3942, 35.1481,
26.1054

123.6269,
146.8937, 126.8652

 18.0077, 23.7770,
16.6760


155.2908,
182.9116, 160.6695

 11.0552, 15.1683,
9.8443

191.9464,
224.3826, 200.0012

 6.1715, 8.9376,
5.1916

233.9589,
271.6912, 245.2789

 2.9913, 4.7005,
2.2994

281.6938,

 1.1492, 2.0726,

325.2217, 296.9210

0.7309

335.5164,
385.3586, 355.3461

0.0657, 0.6492,
0.0000

0.0000, 0.0000,
0.0000

54.9313, 67.7152,
54.4311

54.9313, 67.7152,
54.4311

47.8683, 64.3245,
42.8768

63.2363, 71.7065,
68.0140

41.9826, 61.4973,
33.2497

72.8332, 76.3164,
83.7114

37.2119, 59.2057,
25.4462

83.7758, 81.5727,
101.6100

33.4858, 57.4158,
19.3514

86.4877, 82.8753,
106.0459

■ 30.7260, 56.0902,
14.8374

■ 28.8435, 55.1859,
11.7581

■ 27.7324, 54.6522,
9.9406

■ 27.2192, 54.4057,
9.1012

■ 27.1977, 54.3953,
9.0659

Harmonies

Analogous

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



59.5978, 67.7152, 45.6610



54.9313, 67.7152, 54.4311



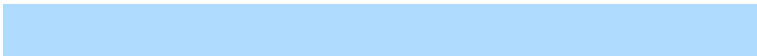
52.8134, 67.7152, 69.6023

Triad

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



54.9313, 67.7152, 54.4311



62.9033, 67.7152, 114.9292



76.4490, 67.7152, 60.6035

Complementary

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



54.9313, 67.7152, 54.4311



61.8219, 55.1173, 79.3350

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.



77.4805, 67.7152, 78.0184



54.9313, 67.7152, 54.4311



69.3720, 67.7152, 111.4400

Square

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



54.9313, 67.7152, 54.4311



57.2128, 67.7152, 105.9899



74.8130, 67.7152, 97.1245



72.0816, 67.7152, 48.7867

Rectangle

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



54.9313, 67.7152, 54.4311



53.0243, 67.7152, 82.1422



74.8130, 67.7152, 97.1245



77.2088, 67.7152, 65.9133

Sweetspot

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



54.9331, 67.7181, 54.4326



87.2771, 96.2663, 96.1860



67.0069, 73.9423, 54.9974



18.5080, 20.5219, 20.3049



0.0000, 0.0000, 0.0000



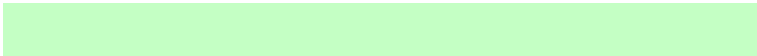
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9331, 67.7181, 54.4326



68.6199, 87.3043, 65.6687



57.3889, 68.7004, 67.3645



13.5288, 15.3373, 14.5542



15.5155, 31.0311, 5.1719



1.0755, 2.1509, 0.3585

Inverse Universe

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



61.8219, 55.1173, 79.3350



79.1089, 68.1179, 103.5859



58.9933, 53.9858, 64.4397



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0768



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 54.9313, 67.7152, 54.4311 looks on a white background.

Color Contrast Check

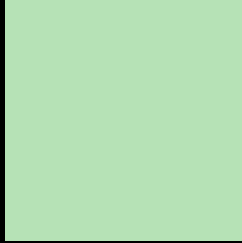
Large Text (above 18pt) WCAG AA × Fail

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 54.9313, 67.7152, 54.4311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

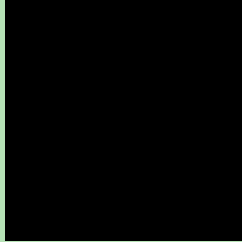
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9313, 67.7152, 54.4311

Background



This preview shows how black text looks on a background with the XYZ color 54.9313, 67.7152, 54.4311.

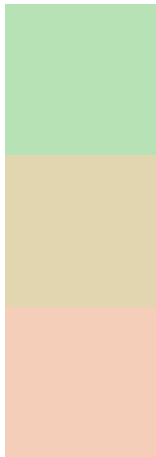


This preview shows how white text looks on a background with the XYZ color 54.9313, 67.7152,

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

54.9313, 67.7152, 54.4311

Protanopia

63.2471, 67.3965, 50.7496

Deuteranopia

68.5904, 67.1003, 55.7909



Tritanopia

61.9577, 67.7955, 89.1772

Trichromacy



Original Color

54.9313, 67.7152, 54.4311

Protanomaly

59.6856, 67.0588, 51.9174

Deuteranomaly

62.6754, 66.6209, 55.4547

Tritanomaly

59.2550, 67.8918, 74.9471

Monochromacy



Original Color

54.9313, 67.7152, 54.4311

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

58.1624, 64.8665, 63.4878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9313, 67.7152, 54.4311 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(182, 226, 182)` looks like.

```
.text, #text, p{  
    color:rgb(182, 226, 182)  
}
```

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(182, 226, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 226, 182) }
```

Border

The CSS property to change the border of an element to XYZ 54.9313, 67.7152, 54.4311 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(182, 226, 182) }
```


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

```
.border{ border-color:rgb(182, 226, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 226, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 226, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 226, 182);  
box-shadow:4px 4px 4px 4px rgb(182, 226,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9313, 67.7152, 54.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 226, 182) }
```

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

```
.background{ background-color: rgb(182,  
226, 182) }
```

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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