

Converting Colors

XYZ(54.9516, 67.8079, 55.1519)

Have a look what the booklet for
XYZ(54.9516, 67.8079, 55.1519)
contains.

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Color

**XYZ(54.7997, 67.6354,
54.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E2B7
RGB	181, 226, 183
RGB Percent	71%, 89%, 72%
CMY	0.2902, 0.1137, 0.2823
CMYK	0.20, 0.00, 0.19, 0.11
HSL	123°, 44%, 80%
HSV	123°, 20%, 89%
XYZ	54.7997, 67.6354, 54.9664
YIQ	207.6430, -13.0170, -22.9130

Conversions

Conversions Part 2

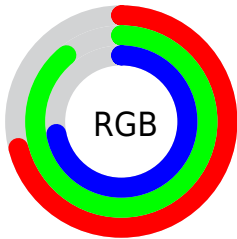
Format	Color
RYB	181, 224, 226
Decimal	11920055
CIELab	85.82, -22.75, 16.31
CIELCh	86, 27.989, 144.358
Yxy	67.6354, 0.3089, 0.3813
Android (android.graphics.Color)	4290110135 (0xFFB5E2B7)
YUV	207.6430, -12.1490, -23.3659
Hunter-Lab	82.2407, -24.9809, 17.9415

Details

The XYZ color **54.7997, 67.6354, 54.9664** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61.3449, 54.5999, 77.8298**, and the grayscale version is **59.8068, 62.9214, 68.5214**.

A 20% lighter version of the original color is **86.2650, 95.7565, 95.5976**, and **27.3446, 35.2496, 26.4817** is the 20% darker color. If you saturate the color by 10%, you get **47.8461, 64.2928, 43.7942**, and if you desaturate by 10%, it is **62.9615, 71.5649, 67.9983**.

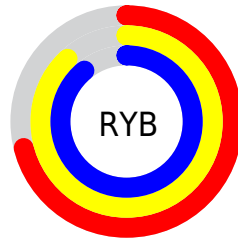
Distribution



Red (71%)

Green (89%)

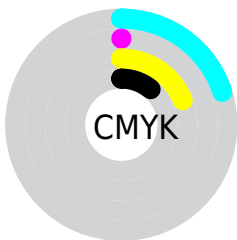
Blue (72%)



Red (71%)

Yellow (88%)

Blue (89%)

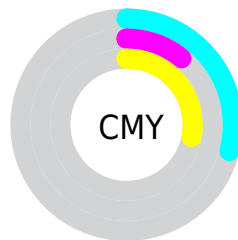


Cyan (20%)

Magenta (0%)

Yellow (19%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7997, 67.6354, 54.9664 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 54.7997, 67.6354, 54.9664 by changing the saturation by 10% instead.

■ 54.7997, 67.6354,
54.9664

■ 54.7997, 67.6354,
54.9664

395.3010,
452.2031, 423.0629

■ 39.4746, 49.6012,
38.9764

■ 96.3975, 115.8304,
98.9624

■ 27.3115, 35.0966,
26.4337

123.4008,
146.7600, 127.8054

■ 17.9451, 23.7373,
16.9197

155.0276,
182.7568, 161.7699

■ 11.0100, 15.1389,
10.0159

191.6432,
224.2052, 201.2744

■ 6.1409, 8.9169,
5.3038

233.6130,
271.4897, 246.7374

■ 2.9724, 4.6870,
2.3647


281.3024,

■ 1.1392, 2.0648,


324.9945, 298.5775


0.7671


335.0766,
385.1042, 357.2131


 0.0575, 0.6447,
0.0000


 0.0000, 0.0000,
0.0000


 54.7997, 67.6354,
54.9664


 54.7997, 67.6354,
54.9664


 47.8461, 64.2928,
43.7942


 62.9615, 71.5649,
67.9983


 42.0383, 61.5008,
34.3927

 72.3793, 76.0985,
82.9646

 37.3163, 59.2325,
26.6726

 83.1050, 81.2632,
99.9411

 33.6126, 57.4552,
20.5345

 86.4877, 82.8754,
106.0459

■ 30.8523, 56.1326,
15.8692

■ 28.9499, 55.2233,
12.5532

■ 27.8048, 54.6785,
10.4430

■ 27.2562, 54.4191,
9.3613

■ 27.2527, 54.4174,
9.3557

Harmonies

Analogous

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



59.3453, 67.6354, 45.9910



54.7997, 67.6354, 54.9664



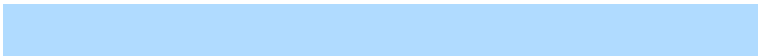
52.8067, 67.6354, 70.2346

Triad

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



54.7997, 67.6354, 54.9664



63.0838, 67.6354, 114.5504



76.1528, 67.6354, 60.0508

Complementary

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



54.7997, 67.6354, 54.9664



61.3449, 54.5999, 77.8298

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.



77.3176, 67.6354, 77.1609



54.7997, 67.6354, 54.9664



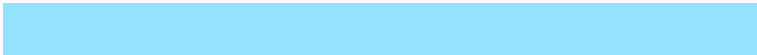
69.4924, 67.6354, 110.6164

Square

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



54.7997, 67.6354, 54.9664



57.3818, 67.6354, 106.1364



74.8071, 67.6354, 96.1341



71.7217, 67.6354, 48.5677

Rectangle

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



54.7997, 67.6354, 54.9664



53.0918, 67.6354, 82.7276



74.8071, 67.6354, 96.1341



76.9511, 67.6354, 65.2499

Sweetspot

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



54.8015, 67.6383, 54.9679



87.3781, 96.3067, 96.7181



66.4355, 73.6597, 54.4331



18.5317, 20.5314, 20.4301



0.0000, 0.0000, 0.0000



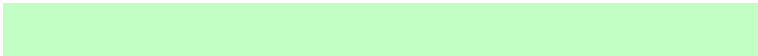
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8015, 67.6383, 54.9679



67.9800, 86.9721, 65.7400



57.2739, 68.6272, 67.9874



13.5533, 15.3471, 14.6832



15.5584, 31.0482, 5.3975



1.0872, 2.1556, 0.4206

Inverse Universe

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



61.3449, 54.5999, 77.8298



78.1024, 66.8006, 101.1054



58.5508, 53.4823, 63.1162



14.2673, 13.9246, 17.1779



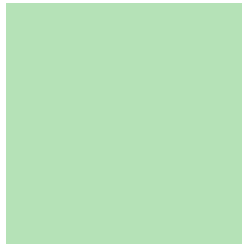
24.9731, 12.0562, 38.1197



1.7393, 0.8390, 2.6858

Previews

White Background



This preview shows how the XYZ color 54.7997, 67.6354, 54.9664 looks on a white background.

Color Contrast Check

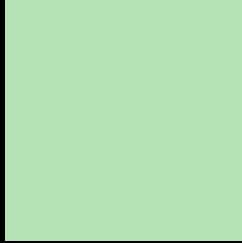
Large Text (above 18pt) WCAG AA × Fail

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 54.7997, 67.6354, 54.9664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

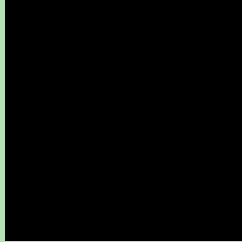
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

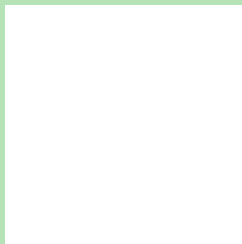
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7997, 67.6354, 54.9664

Background



This preview shows how black text looks on a background with the XYZ color 54.7997, 67.6354, 54.9664.

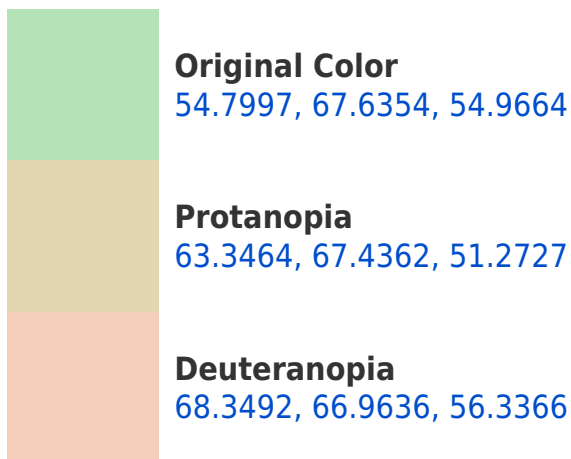


This preview shows how white text looks on a background with the XYZ color 54.7997, 67.6354,

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

61.7070, 67.6663, 89.1655

Trichromacy



Original Color

54.7997, 67.6354, 54.9664

Protanomaly

59.7864, 67.0991, 52.4482

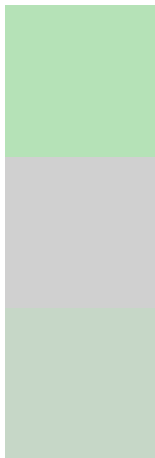
Deuteranomaly

62.4760, 66.5058, 55.9984

Tritanomaly

59.1392, 67.8171, 75.6187

Monochromacy



Original Color

54.7997, 67.6354, 54.9664

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.8979, 64.7302, 63.4755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7997, 67.6354, 54.9664 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(181, 226, 183)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 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(181, 226, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 183) }
```

Border

The CSS property to change the border of an element to XYZ 54.7997, 67.6354, 54.9664 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(181, 226, 183) }
```


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

```
.border{ border-color:rgb(181, 226, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 226, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 226, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 226, 183);  
box-shadow:4px 4px 4px 4px rgb(181, 226,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7997, 67.6354, 54.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 226, 183) }
```

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

```
.background{ background-color: rgb(181,  
226, 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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