

# Converting Colors

XYZ(54.6573, 67.5904, 53.7743)

Have a look what the booklet for  
XYZ(54.6573, 67.5904, 53.7743)  
contains.

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# Color

**XYZ(54.5929, 67.5527,  
53.8777)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E2B5
RGB	181, 226, 181
RGB Percent	71%, 89%, 71%
CMY	0.2902, 0.1137, 0.2902
CMYK	0.20, 0.00, 0.20, 0.11
HSL	120°, 44%, 80%
HSV	120°, 20%, 89%
XYZ	54.5929, 67.5527, 53.8777
YIQ	207.4150, -12.3750, -23.5350

# Conversions

## Conversions Part 2

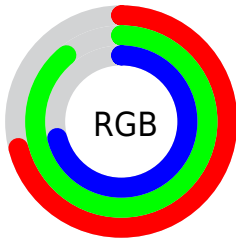
Format	Color
<a href="#">RYB</a>	<a href="#">181, 226, 226</a>
Decimal	<a href="#">11920053</a>
CIELab	<a href="#">85.78, -23.09, 17.30</a>
CIELCh	<a href="#">86, 28.851, 143.165</a>
Yxy	<a href="#">67.5527, 0.3101, 0.3838</a>
Android (android.graphics.Color)	<a href="#">4290110133 (0xFFB5E2B5)</a>
YUV	<a href="#">207.4150, -13.0226, -23.1660</a>
Hunter-Lab	<a href="#">82.1904, -25.2692, 18.6674</a>

# Details

The XYZ color **54.5929, 67.5527, 53.8777** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61.6177, 54.7090, 79.2667**, and the grayscale version is **59.6645, 62.7717, 68.3584**.

A 20% lighter version of the original color is **85.9711, 95.6389, 94.0498**, and **27.2116, 35.1964, 25.7814** is the 20% darker color. If you saturate the color by 10%, you get **47.5834, 64.1877, 42.4110**, and if you desaturate by 10%, it is **62.8419, 71.5171, 67.3688**.

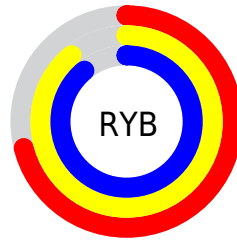
# Distribution



Red (71%)

Green (89%)

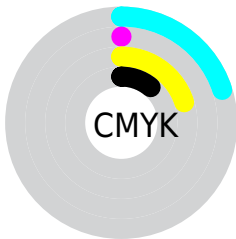
Blue (71%)



Red (71%)

Yellow (89%)

Blue (89%)

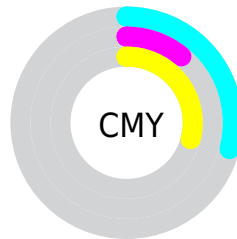


Cyan (20%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (29%)

Magenta (11%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5929, 67.5527, 53.8777 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 54.5929, 67.5527, 53.8777 by changing the saturation by 10% instead.



■ 54.5929, 67.5527,  
53.8777

■ 54.5929, 67.5527,  
53.8777

394.5285,  
451.9096, 418.8049

■ 39.3084, 49.5339,  
38.1114

■ 96.0960, 115.7120,  
97.3492

■ 27.1816, 35.0432,  
25.7666

123.0454,  
146.6213, 125.8915

■ 17.8469, 23.6962,  
16.4249

154.6138,  
182.5963, 159.5296

■ 10.9392, 15.1084,  
9.6678

191.1666,  
224.0213, 198.6819

■ 6.0929, 8.8955,  
5.0765

233.0691,  
271.2808, 243.7671

■ 2.9429, 4.6731,  
2.2327

280.6866,

■ 1.1236, 2.0568,

324.7590, 295.2036

0.6931

334.3847,  
384.8405, 353.4100

0.0447, 0.6401,  
0.0000

0.0000, 0.0000,  
0.0000

54.5929, 67.5527,  
53.8777

54.5929, 67.5527,  
53.8777

47.5834, 64.1877,  
42.4110

62.8419, 71.5171,  
67.3688

41.7485, 61.3849,  
32.8669

72.3804, 76.0989,  
82.9707

37.0255, 59.1162,  
25.1415

83.2623, 81.3261,  
100.7699

33.3439, 57.3477,  
19.1195

86.4877, 82.8754,  
106.0459

■ 30.6249, 56.0417,  
14.6721

■ 28.7789, 55.1549,  
11.6525

■ 27.6991, 54.6363,  
9.8862

■ 27.2013, 54.3971,  
9.0718

■ 27.1977, 54.3954,  
9.0660

# Harmonies

## Analogous

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



59.3518, 67.5527, 44.9881



54.5929, 67.5527, 53.8777



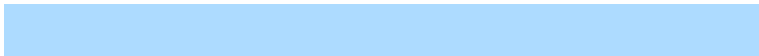
52.4332, 67.5527, 69.3197

# Triad

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



54.5929, 67.5527, 53.8777



62.7110, 67.5527, 115.7724



76.5709, 67.5527, 60.1859

# Complementary

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



54.5929, 67.5527, 53.8777



61.6177, 54.7090, 79.2667

# 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.



77.6228, 67.5527, 77.9561



54.5929, 67.5527, 53.8777



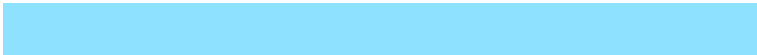
69.3197, 67.5527, 112.2012

# Square

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



54.5929, 67.5527, 53.8777



56.9082, 67.5527, 106.5764



74.8879, 67.5527, 97.5164



72.1042, 67.5527, 48.1714



# Rectangle

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



54.5929, 67.5527, 53.8777



52.6457, 67.5527, 82.1287



74.8879, 67.5527, 97.5164



77.3476, 67.5527, 65.5968

# Sweetspot

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



54.5947, 67.5556, 53.8792



87.2771, 96.2663, 96.1861



66.9039, 73.9012, 54.4548



18.5080, 20.5219, 20.3049



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

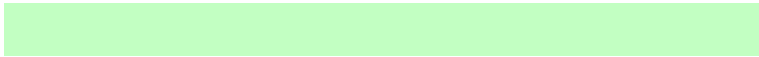


# Same Dimension

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



54.5947, 67.5556, 53.8792



67.6721, 86.8490, 64.1188



57.0936, 68.5551, 67.0380



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.



61.6177, 54.7090, 79.2667



78.5371, 66.9745, 103.3948



58.7292, 53.5536, 64.0562



14.2951, 13.9357, 17.3240



25.7244, 12.3568, 42.0759

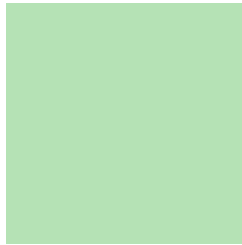


1.7831, 0.8565, 2.9165



# Previews

## White Background



This preview shows how the XYZ color 54.5929, 67.5527, 53.8777 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 54.5929, 67.5527, 53.8777 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

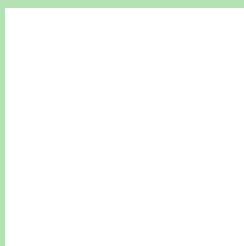
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 54.5929, 67.5527, 53.8777**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.5929, 67.5527, 53.8777.



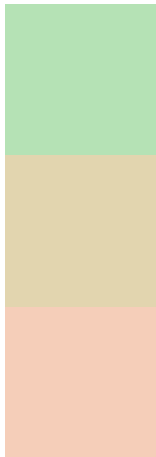
This preview shows how white text looks on a background with the XYZ color 54.5929, 67.5527,



# 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

54.5929, 67.5527, 53.8777

### Protanopia

62.8961, 66.8524, 50.1463

### Deuteranopia

68.4845, 67.0579, 55.2329



## Tritanopia

61.4469, 67.1461, 89.0788

# Trichromacy



## Original Color

54.5929, 67.5527, 53.8777

## Protanomaly

59.5856, 67.0188, 51.3904

## Deuteranomaly

62.5702, 66.5788, 54.9006

## Tritanomaly

58.7446, 67.2356, 74.8473

# Monochromacy



## Original Color

54.5929, 67.5527, 53.8777

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

57.5283, 64.1761, 62.7812

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.5929, 67.5527, 53.8777 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 181)  
}
```

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, 181) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to XYZ 54.5929, 67.5527, 53.8777 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, 181) }
```



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

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

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, 181)` colored shadow looks like.

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

# Background

The CSS property to change the background color of an element to XYZ 54.5929, 67.5527, 53.8777 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, 181) }
```

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

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

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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