

# Converting Colors

XYZ(54.0905, 67.3545, 51.2247)

Have a look what the booklet for  
XYZ(54.0905, 67.3545, 51.2247)  
contains.

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# Color

**XYZ(54.0889, 67.3511,  
51.2236)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5E2B0
RGB	181, 226, 176
RGB Percent	71%, 89%, 69%
CMY	0.2902, 0.1137, 0.3098
CMYK	0.20, 0.00, 0.22, 0.11
HSL	114°, 46%, 79%
HSV	114°, 22%, 89%
XYZ	54.0889, 67.3511, 51.2236
YIQ	206.8450, -10.7700, -25.0900

# Conversions

## Conversions Part 2

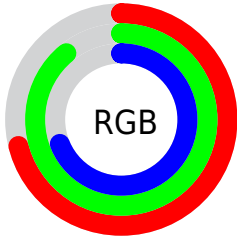
Format	Color
<b>RYB</b>	176, 226, 221
Decimal	11920048
CIELab	85.68, -23.94, 19.76
CIELCh	86, 31.041, 140.456
Yxy	67.3511, 0.3133, 0.3901
Android (android.graphics.Color)	4290110128 (0xFFB5E2B0)
YUV	206.8450, -15.2066, -22.6661
Hunter-Lab	82.0677, -25.9734, 20.4408

# Details

The XYZ color **54.0889, 67.3511, 51.2236** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.0745, 51.9158, 78.8623**, and the grayscale version is **59.3097, 62.3984, 67.9518**.

A 20% lighter version of the original color is **85.2505, 95.3507, 90.2553**, and **26.8905, 35.0679, 24.0904** is the 20% darker color. If you saturate the color by 10%, you get **47.6102, 64.2504, 40.2034**, and if you desaturate by 10%, it is **61.6399, 70.9655, 64.2401**.

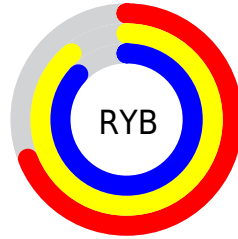
# Distribution



Red (71%)

Green (89%)

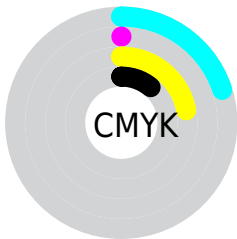
Blue (69%)



Red (69%)

Yellow (89%)

Blue (87%)

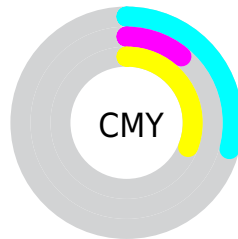


Cyan (20%)

Magenta (0%)

Yellow (22%)

Black (11%)



Cyan (29%)

Magenta (11%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0889, 67.3511, 51.2236 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 54.0889, 67.3511, 51.2236 by changing the saturation by 10% instead.





 54.0889, 67.3511,  
51.2236

 54.0889, 67.3511,  
51.2236


392.6417,  
451.1935, 408.3032

 38.9037, 49.3700,  
36.0086


 95.3609, 115.4234,  
93.4001

 26.8652, 34.9131,  
24.1511


122.1784,  
146.2833, 121.1987

 17.6081, 23.5959,  
15.2325

153.6040,  
182.2050, 154.0289

 10.7670, 15.0342,  
8.8343

190.0032,  
223.5729, 192.3093

 5.9765, 8.8434,  
4.5379

231.7411,  
270.7712, 236.4584

 2.8713, 4.6392,  
1.9248


279.1833,


 1.0861, 2.0371,


324.1845, 286.8947


0.5085


332.6951,  
384.1972, 344.0368


 0.0134, 0.6289,  
0.0000


 0.0000, 0.0000,  
0.0000


 54.0889, 67.3511,  
51.2236


 54.0889, 67.3511,  
51.2236


 47.6102, 64.2504,  
40.2034


 61.6399, 70.9655,  
64.2401

 42.1500, 61.6319,  
31.0767

 70.3031, 75.1063,  
79.3401

 37.6578, 59.4739,  
23.7382

 80.1232, 79.7967,  
96.6110

 34.0768, 57.7495,  
18.0706

 86.4877, 82.8754,  
106.0459

■ 31.3440, 56.4293,  
13.9425

■ 29.3885, 55.4798,  
11.2030

■ 28.1274, 54.8623,  
9.6707

■ 27.5418, 54.5728,  
9.0820

# Harmonies

## Analogous

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



59.3783, 67.3511, 42.5561



54.0889, 67.3511, 51.2236



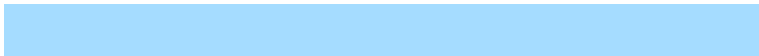
51.5168, 67.3511, 67.0627

# Triad

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



54.0889, 67.3511, 51.2236



61.7863, 67.3511, 118.8471



77.6236, 67.3511, 60.5451

# Complementary

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



54.0889, 67.3511, 51.2236



59.0745, 51.9158, 78.8623

# 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.



78.3873, 67.3511, 79.9843



54.0889, 67.3511, 51.2236



68.8874, 67.3511, 116.2215

# Square

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



54.0889, 67.3511, 51.2236



55.7400, 67.3511, 107.6610



75.0872, 67.3511, 101.0359



73.0714, 67.3511, 47.2098



# Rectangle

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



54.0889, 67.3511, 51.2236



51.5494, 67.3511, 80.6328



75.0872, 67.3511, 101.0359



78.3443, 67.3511, 66.4893

# Sweetspot

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



54.0907, 67.3540, 51.2251



86.6425, 95.9825, 94.1956



65.0600, 71.0196, 51.3545



18.3974, 20.4736, 19.9044



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

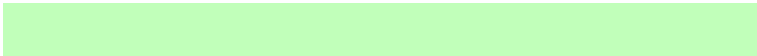


# Same Dimension

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



54.0907, 67.3540, 51.2251



66.6397, 86.4134, 59.7052



55.0668, 67.6114, 62.3744



13.6553, 15.4024, 14.5600



15.7574, 31.1558, 5.1832



1.1361, 2.1822, 0.3613



# Inverse Universe

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



59.0745, 51.9158, 78.8623



74.3933, 62.3789, 102.7271



58.0324, 51.6774, 65.3110



14.1529, 13.8624, 17.3175



22.0029, 10.4382, 41.9035

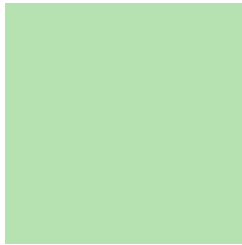


1.5647, 0.7439, 2.9064



# Previews

## White Background



This preview shows how the XYZ color 54.0889, 67.3511, 51.2236 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 54.0889, 67.3511, 51.2236 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

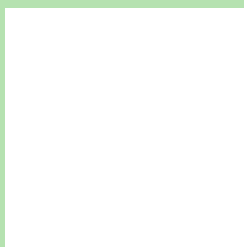
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 54.0889, 67.3511, 51.2236**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.0889, 67.3511, 51.2236.



This preview shows how white text looks on a background with the XYZ color 54.0889, 67.3511,

51.2236.

# 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

54.0889, 67.3511, 51.2236

### Protanopia

62.7285, 66.8217, 47.6219

### Deuteranopia

68.0756, 66.5508, 52.4376



## Tritanopia

61.5527, 67.2173, 88.3273

# Trichromacy



## Original Color

54.0889, 67.3511, 51.2236

## Protanomaly

59.0961, 66.8230, 48.8132

## Deuteranomaly

62.0551, 66.3728, 52.1884

## Tritanomaly

58.4876, 67.1327, 73.4936

# Monochromacy



## Original Color

54.0889, 67.3511, 51.2236

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

57.2991, 64.0844, 61.5741

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.0889, 67.3511, 51.2236 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 176) }
```

## Border

The CSS property to change the border of an element to XYZ 54.0889, 67.3511, 51.2236 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, 176) }
```



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

```
.border{ border-color:rgb(181, 226, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 226, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 226, 176);  
box-shadow:4px 4px 4px 4px rgb(181, 226,  
176) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.0889, 67.3511, 51.2236 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, 176) }
```

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

```
.background{ background-color: rgb(181,  
226, 176) }
```

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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