

Converting Colors

XYZ(54.2019, 67.1477, 50.6981)

Have a look what the booklet for
XYZ(54.2019, 67.1477, 50.6981)
contains.

XYZ(54.1915, 67.0129, 50.6360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.1915, 67.0129,
50.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E1AF
RGB	183, 225, 175
RGB Percent	72%, 88%, 69%
CMY	0.2823, 0.1176, 0.3137
CMYK	0.19, 0.00, 0.22, 0.12
HSL	110°, 45%, 78%
HSV	110°, 22%, 88%
XYZ	54.1915, 67.0129, 50.6360
YIQ	206.7420, -8.9820, -24.4540

Conversions

Conversions Part 2

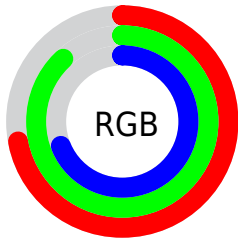
Format	Color
RYB	175, 225, 217
Decimal	12050863
CIELab	85.51, -22.94, 20.07
CIElCh	86, 30.478, 138.823
Yxy	67.0129, 0.3154, 0.3900
Android (android.graphics.Color)	4290240943 (0xFFB7E1AF)
YUV	206.7420, -15.6488, -20.8217
Hunter-Lab	81.8614, -25.0921, 20.6287

Details

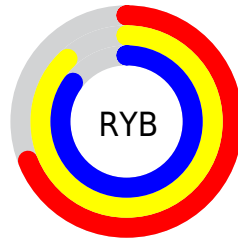
The XYZ color **54.1915, 67.0129, 50.6360** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **57.5387, 50.8499, 78.0202**, and the grayscale version is **59.2453, 62.3306, 67.8781**.

A 20% lighter version of the original color is **85.7804, 95.6402, 89.5406**, and **26.9408, 34.8217, 23.7137** is the 20% darker color. If you saturate the color by 10%, you get **47.9657, 64.0398, 39.7544**, and if you desaturate by 10%, it is **61.3929, 70.4503, 63.4882**.

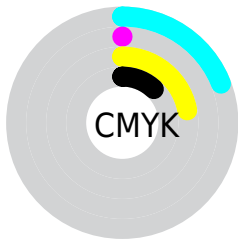
Distribution



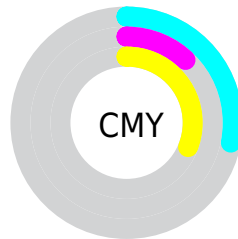
- Red (72%)
- Green (88%)
- Blue (69%)



- Red (69%)
- Yellow (88%)
- Blue (85%)



- Cyan (19%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)



- Cyan (28%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1915, 67.0129, 50.6360 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 54.1915, 67.0129, 50.6360 by changing the saturation by 10% instead.

■ 54.1915, 67.0129,
50.6360

■ 54.1915, 67.0129,
50.6360

393.0263,
449.9907, 405.9540

■ 38.9861, 49.0951,
35.5443

■ 95.5106, 114.9389,
92.5225

■ 26.9296, 34.6949,
23.7955

122.3550,
145.7159, 120.1543

■ 17.6566, 23.4280,
14.9712

153.8097,
181.5481, 152.8033

■ 10.8019, 14.9098,
8.6528

190.2402,
222.8199, 190.8879

■ 6.0001, 8.7561,
4.4217

232.0117,
269.9156, 234.8268

■ 2.8858, 4.5825,
1.8594

279.4897,

■ 1.0937, 2.0044,

323.2197, 285.0384

0.4667

333.0394,
383.1166, 341.9413

■ 0.0198, 0.6100,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1915, 67.0129,
50.6360

■ 54.1915, 67.0129,
50.6360

■ 47.9657, 64.0398,
39.7544

■ 61.3929, 70.4503,
63.4882

■ 42.6680, 61.5027,
30.7418

■ 69.6041, 74.3619,
78.3969

■ 38.2550, 59.3835,
23.4943

■ 78.8642, 78.7678,
95.4485

■ 34.6774, 57.6595,
17.8960

■ 86.2166, 82.3332,
105.9555

■ 31.8814, 56.3054,
13.8173

■ 29.8062, 55.2934,
11.1091

■ 28.3815, 54.5911,
9.5923

■ 27.6539, 54.2281,
9.0096

Harmonies

Analogous

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



59.4950, 67.0129, 42.5054



54.1915, 67.0129, 50.6360



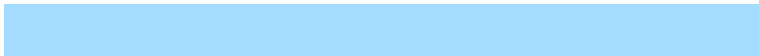
51.5080, 67.0129, 65.8234

Triad

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



54.1915, 67.0129, 50.6360



61.1484, 67.0129, 117.1146



77.1410, 67.0129, 61.3446

Complementary

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



54.1915, 67.0129, 50.6360



57.5387, 50.8499, 78.0202

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.



77.6641, 67.0129, 80.6068



54.1915, 67.0129, 50.6360



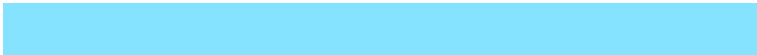
68.0855, 67.0129, 115.3202

Square

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



54.1915, 67.0129, 50.6360



55.3263, 67.0129, 105.5825



74.2465, 67.0129, 101.0502



72.8650, 67.0129, 47.8703

Rectangle

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



54.1915, 67.0129, 50.6360



51.4257, 67.0129, 78.9702



74.2465, 67.0129, 101.0502



77.7725, 67.0129, 67.2734

Sweetspot

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



54.1933, 67.0158, 50.6375



87.0050, 96.1694, 94.2126



63.5192, 68.5600, 50.4440



18.4810, 20.5168, 19.9083



0.0000, 0.0000, 0.0000



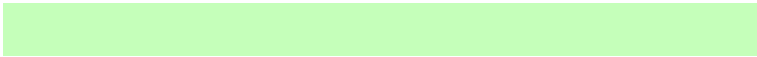
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1933, 67.0158, 50.6375



67.7078, 86.9640, 59.7552



54.0841, 66.7585, 59.7126



13.7320, 15.4420, 14.5636



15.9984, 31.2800, 5.1944



1.1725, 2.2009, 0.3630

Inverse Universe

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



57.5387, 50.8499, 78.0202



72.9439, 61.6317, 102.6593



57.8100, 51.2397, 66.7357



14.0685, 13.8188, 17.3135



20.0088, 9.4102, 41.8101



1.4453, 0.6824, 2.9008

Previews

White Background



This preview shows how the XYZ color 54.1915, 67.0129, 50.6360 looks on a white background.

Color Contrast Check

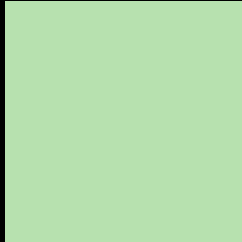
Large Text (above 18pt) WCAG AA × Fail

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 54.1915, 67.0129, 50.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

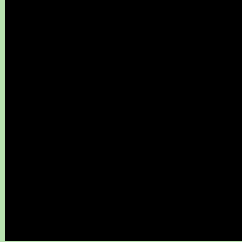
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

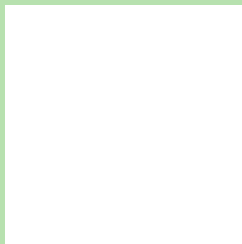
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1915, 67.0129, 50.6360

Background



This preview shows how black text looks on a background with the XYZ color 54.1915, 67.0129, 50.6360.



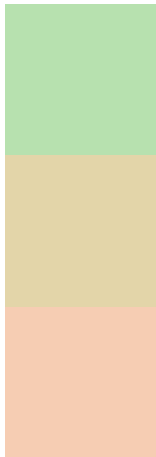
This preview shows how white text looks on a background with the XYZ color 54.1915, 67.0129,

50.6360.

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

54.1915, 67.0129, 50.6360

Protanopia

62.6342, 66.7840, 47.1255

Deuteranopia

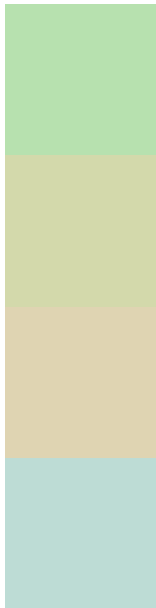
67.9740, 66.5101, 51.9029



Tritanopia

61.6565, 66.9037, 87.5060

Trichromacy



Original Color

54.1915, 67.0129, 50.6360

Protanomaly

59.0275, 66.4149, 48.2363

Deuteranomaly

62.0108, 65.9893, 51.5884

Tritanomaly

58.5897, 66.8093, 72.7583

Monochromacy



Original Color

54.1915, 67.0129, 50.6360

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.1856, 64.0390, 60.9765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1915, 67.0129, 50.6360 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(183, 225, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 175)  
}
```

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(183, 225, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 175) }
```

Border

The CSS property to change the border of an element to XYZ 54.1915, 67.0129, 50.6360 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(183, 225, 175) }
```


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

```
.border{ border-color:rgb(183, 225, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 225, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 225, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 225, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 225,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1915, 67.0129, 50.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 175) }
```

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

```
.background{ background-color: rgb(183,  
225, 175) }
```

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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