

Converting Colors

XYZ(54.1824, 67.6978, 46.4598)

Have a look what the booklet for
XYZ(54.1824, 67.6978, 46.4598)
contains.

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Color

**XYZ(54.0869, 67.4602,
46.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E2A6
RGB	185, 226, 166
RGB Percent	73%, 89%, 65%
CMY	0.2745, 0.1137, 0.3490
CMYK	0.18, 0.00, 0.27, 0.11
HSL	101°, 51%, 77%
HSV	101°, 27%, 89%
XYZ	54.0869, 67.4602, 46.2468
YIQ	206.9010, -5.1760, -27.3520

Conversions

Conversions Part 2

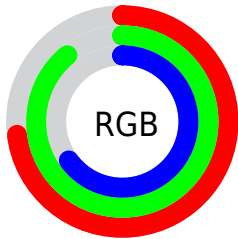
Format	Color
RYB	166, 226, 207
Decimal	12182182
CIELab	85.74, -24.18, 25.07
CIELCh	86, 34.828, 133.965
Yxy	67.4602, 0.3223, 0.4020
Android (android.graphics.Color)	4290372262 (0xFFB9E2A6)
YUV	206.9010, -20.1642, -19.2072
Hunter-Lab	82.1342, -26.1891, 24.1098

Details

The XYZ color **54.0869, 67.4602, 46.2468** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.0986, 46.0307, 78.0414**, and the grayscale version is **59.3741, 62.4662, 68.0257**.

A 20% lighter version of the original color is **85.4291, 95.6177, 82.3601**, and **26.9602, 35.1660, 21.2864** is the 20% darker color. If you saturate the color by 10%, you get **48.6680, 64.8875, 36.1058**, and if you desaturate by 10%, it is **60.2785, 70.3931, 58.3284**.

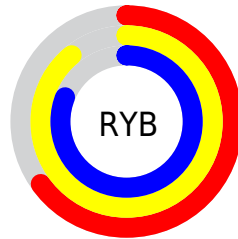
Distribution



Red (73%)

Green (89%)

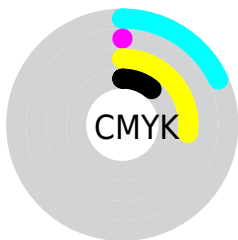
Blue (65%)



Red (65%)

Yellow (89%)

Blue (81%)

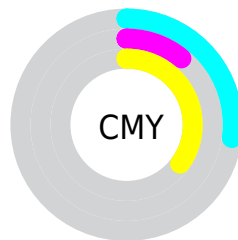


Cyan (18%)

Magenta (0%)

Yellow (27%)

Black (11%)



Cyan (27%)

Magenta (11%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0869, 67.4602, 46.2468 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 54.0869, 67.4602, 46.2468 by changing the saturation by 10% instead.

■ 54.0869, 67.4602,
46.2468

■ 54.0869, 67.4602,
46.2468

392.6342,
451.5811, 388.1064

■ 38.9021, 49.4587,
32.0905

■ 95.3580, 115.5796,
85.9264

■ 26.8639, 34.9835,
21.1653

■ 122.1749,
146.4663, 112.2868

■ 17.6071, 23.6502,
13.0525

153.6000,
182.4168, 143.5524

■ 10.7663, 15.0743,
7.3335

189.9985,
223.8156, 180.1417

■ 5.9760, 8.8716,
3.5900

231.7359,
271.0470, 222.4732

■ 2.8710, 4.6575,
1.4032

279.1774,

■ 1.0859, 2.0477,

324.4955, 270.9654

0.1442

332.6884,
384.5454, 326.0370

0.0133, 0.6350,
0.0000

0.0000, 0.0000,
0.0000

54.0869, 67.4602,
46.2468

54.0869, 67.4602,
46.2468

48.6680, 64.8875,
36.1058

60.2785, 70.3931,
58.3284

43.9845, 62.6521,
27.8001

67.2674, 73.6910,
72.4400

40.0038, 60.7415,
21.2208

75.0838, 77.3693,
88.6704

36.6887, 59.1391,
16.2461

83.5275, 81.3494,
105.9074

■ 33.9978, 57.8268,
12.7379

■ 86.4877, 82.8755,
106.0459

■ 31.8843, 56.7838,
10.5351

■ 30.2921, 55.9857,
9.4337

■ 29.8376, 55.7563,
9.1895

Harmonies

Analogous

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



60.5021, 67.4602, 38.6484



54.0869, 67.4602, 46.2468



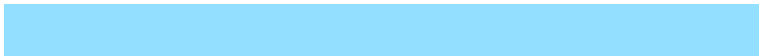
50.5280, 67.4602, 62.0179

Triad

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



54.0869, 67.4602, 46.2468



59.9909, 67.4602, 124.0395



80.1169, 67.4602, 63.3912

Complementary

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



54.0869, 67.4602, 46.2468



53.0986, 46.0307, 78.0414

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.



79.9514, 67.4602, 86.2132



54.0869, 67.4602, 46.2468



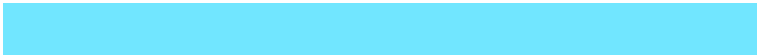
67.8770, 67.4602, 124.6203

Square

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



54.0869, 67.4602, 46.2468



53.7394, 67.4602, 108.2069



75.3205, 67.4602, 109.6599



75.7556, 67.4602, 47.0724

Rectangle

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



54.0869, 67.4602, 46.2468



50.0536, 67.4602, 76.5202



75.3205, 67.4602, 109.6599



80.5993, 67.4602, 70.4683

Sweetspot

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



54.0887, 67.4631, 46.2483



86.9935, 96.2063, 92.2792



60.5625, 63.5504, 45.1518



18.3128, 20.4472, 19.1258



0.0000, 0.0000, 0.0000



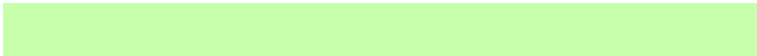
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0887, 67.4631, 46.2483



66.9578, 86.7272, 52.9494



50.8601, 65.6771, 51.5927



13.9352, 15.5468, 14.5731



17.1303, 31.8635, 5.2474



1.2780, 2.2553, 0.3680

Inverse Universe

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



53.0986, 46.0307, 78.0414



65.4355, 53.9456, 101.5715



57.2685, 48.3493, 70.6070



13.8509, 13.7067, 17.3033



15.6104, 7.1428, 41.6043



1.1735, 0.5423, 2.8881

Previews

White Background



This preview shows how the XYZ color 54.0869, 67.4602, 46.2468 looks on a white background.

Color Contrast Check

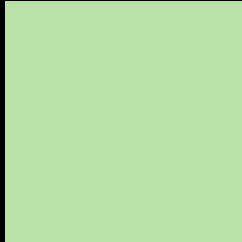
Large Text (above 18pt) WCAG AA × Fail

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 54.0869, 67.4602, 46.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

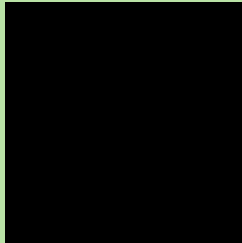
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0869, 67.4602, 46.2468

Background



This preview shows how black text looks on a background with the XYZ color 54.0869, 67.4602, 46.2468.

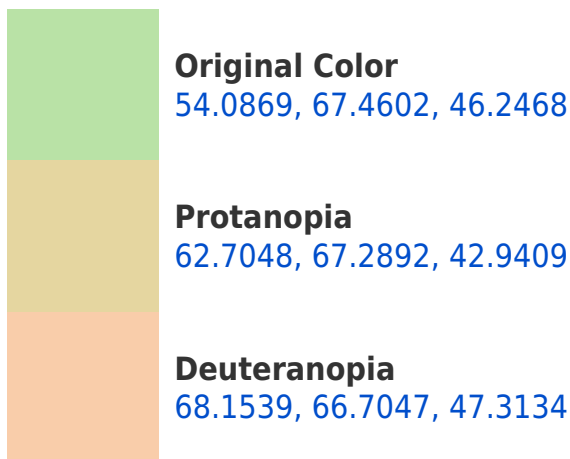


This preview shows how white text looks on a background with the XYZ color 54.0869, 67.4602,

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

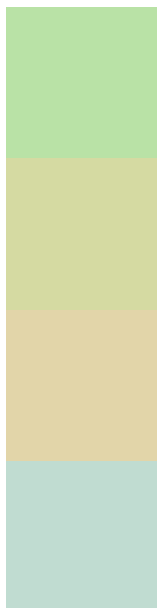




Tritanopia

62.4291, 67.3020, 87.5421

Trichromacy



Original Color

54.0869, 67.4602, 46.2468

Protanomaly

59.0336, 66.8976, 43.9835

Deuteranomaly

62.3197, 66.6218, 47.1108

Tritanomaly

58.8401, 66.9963, 70.1520

Monochromacy



Original Color

54.0869, 67.4602, 46.2468

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

57.1142, 64.0410, 59.2201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0869, 67.4602, 46.2468 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(185, 226, 166)` looks like.

```
.text, #text, p{  
    color:rgb(185, 226, 166)  
}
```

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(185, 226, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 226, 166) }
```

Border

The CSS property to change the border of an element to XYZ 54.0869, 67.4602, 46.2468 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(185, 226, 166) }
```


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

```
.border{ border-color:rgb(185, 226, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 226, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 226, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 226, 166);  
box-shadow:4px 4px 4px 4px rgb(185, 226,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0869, 67.4602, 46.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 226, 166) }
```

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

```
.background{ background-color: rgb(185,  
226, 166) }
```

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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