

Converting Colors

XYZ(54.7156, 70.6733, 48.3847)

Have a look what the booklet for
XYZ(54.7156, 70.6733, 48.3847)
contains.

XYZ(54.6604, 70.6074, 48.2838)	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(54.6604, 70.6074,
48.2838)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E9A9
RGB	178, 233, 169
RGB Percent	70%, 91%, 66%
CMY	0.3020, 0.0863, 0.3372
CMYK	0.24, 0.00, 0.27, 0.09
HSL	112°, 59%, 79%
HSV	112°, 27%, 91%
XYZ	54.6604, 70.6074, 48.2838
YIQ	209.2590, -12.2360, -31.5640

Conversions

Conversions Part 2

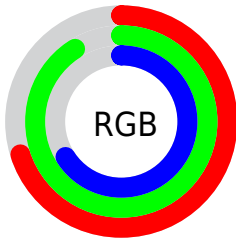
Format	Color
RYB	169, 233, 224
Decimal	11725225
CIELab	87.29, -29.44, 25.58
CIELCh	87, 38.996, 139.010
Yxy	70.6074, 0.3150, 0.4068
Android (android.graphics.Color)	4289915305 (0xFFB2E9A9)
YUV	209.2590, -19.8477, -27.4141
Hunter-Lab	84.0282, -30.9350, 24.7509

Details

The XYZ color **54.6604, 70.6074, 48.2838** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.6396, 50.1086, 83.6232**, and the grayscale version is **60.9063, 64.0781, 69.7811**.

A 20% lighter version of the original color is **83.6116, 94.6184, 85.0905**, and **27.1867, 36.9903, 22.2300** is the 20% darker color. If you saturate the color by 10%, you get **48.4013, 67.6134, 37.5723**, and if you desaturate by 10%, it is **61.9837, 74.1091, 61.0828**.

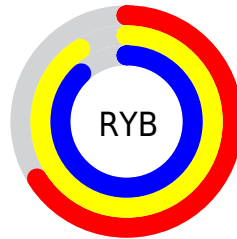
Distribution



Red (70%)

Green (91%)

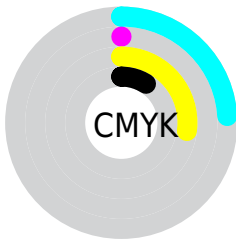
Blue (66%)



Red (66%)

Yellow (91%)

Blue (88%)

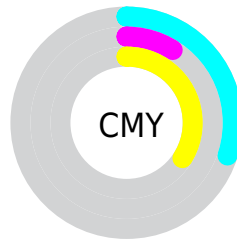


Cyan (24%)

Magenta (0%)

Yellow (27%)

Black (9%)



Cyan (30%)

Magenta (9%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6604, 70.6074, 48.2838 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 54.6604, 70.6074, 48.2838 by changing the saturation by 10% instead.

■ 54.6604, 70.6074,
48.2838

■ 54.6604, 70.6074,
48.2838

394.7807,
462.6798, 396.4571

■ 39.3627, 52.0219,
33.6901

■ 96.1944, 120.0745,
88.9967

■ 27.2240, 37.0225,
22.3802

123.1614,
151.7249, 115.9531

■ 17.8790, 25.2249,
13.9355

154.7489,
188.4991, 147.8674

■ 10.9623, 16.2447,
7.9376

191.3222,
230.7814, 185.1581

■ 6.1086, 9.6975,
3.9679

233.2467,
278.9562, 228.2440

■ 2.9525, 5.1988,
1.6077

280.8877,

■ 1.1287, 2.3644,

333.4080, 277.5434

0.2963

334.6106,
394.5210, 333.4749

0.0489, 0.8075,
0.0000

0.0000, 0.0000,
0.0000

54.6604, 70.6074,
48.2838

54.6604, 70.6074,
48.2838

48.4013, 67.6134,
37.5723

61.9837, 74.1091,
61.0828

43.1513, 65.0949,
28.8332

70.4121, 78.1312,
76.0668

38.8586, 63.0299,
21.9476

79.9910, 82.6970,
93.3329

35.4644, 61.3910,
16.7816

88.4304, 86.7607,
106.6935

■ 32.9034, 60.1477,
13.1836

■ 31.1010, 59.2655,
10.9756

■ 29.9657, 58.7024,
9.9207

■ 29.7599, 58.6001,
9.7424

Harmonies

Analogous

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



61.5286, 70.6074, 38.3346



54.6604, 70.6074, 48.2838



51.2455, 70.6074, 67.6482

Triad

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



54.6604, 70.6074, 48.2838



63.8044, 70.6074, 137.8749



85.2010, 70.6074, 61.5747

Complementary

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



54.6604, 70.6074, 48.2838



59.6396, 50.1086, 83.6232

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.



85.9516, 70.6074, 86.9145



54.6604, 70.6074, 48.2838



73.0195, 70.6074, 135.1940

Square

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



54.6604, 70.6074, 48.2838



56.1955, 70.6074, 121.6471



81.3200, 70.6074, 114.9905



79.3539, 70.6074, 44.7128

Rectangle

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



54.6604, 70.6074, 48.2838



51.1572, 70.6074, 85.0627



81.3200, 70.6074, 114.9905



86.0765, 70.6074, 69.2386

Sweetspot

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



54.6622, 70.6104, 48.2854



85.7792, 95.5803, 92.2224



67.2635, 73.1810, 48.1174



18.0091, 20.2906, 19.1116



0.0000, 0.0000, 0.0000



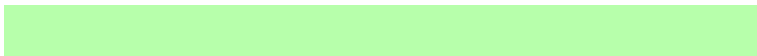
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6622, 70.6104, 48.2854



62.5491, 84.4828, 51.4633



54.9514, 70.4953, 60.2339



15.0653, 16.9637, 15.9990



16.9462, 33.2806, 5.5306



1.3926, 2.6452, 0.4372

Inverse Universe

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



59.6396, 50.1086, 83.6232



69.6051, 55.3739, 101.6274



59.5026, 50.3845, 67.9572



15.4945, 15.2002, 19.0395



21.9777, 10.3659, 44.5854



1.7830, 0.8435, 3.5037

Previews

White Background



This preview shows how the XYZ color 54.6604, 70.6074, 48.2838 looks on a white background.

Color Contrast Check

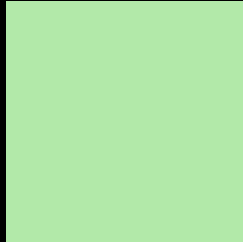
Large Text (above 18pt) WCAG AA × Fail

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 54.6604, 70.6074, 48.2838 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 54.6604, 70.6074, 48.2838

Background



This preview shows how black text looks on a background with the XYZ color 54.6604, 70.6074, 48.2838.



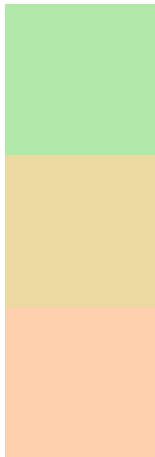
This preview shows how white text looks on a background with the XYZ color 54.6604, 70.6074,

48.2838.

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

54.6604, 70.6074, 48.2838

Protanopia

65.5247, 70.2439, 44.2873

Deuteranopia

71.3135, 69.7278, 49.7446



Tritanopia

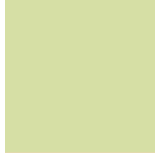
63.7680, 70.6093, 93.4871

Trichromacy



Original Color

54.6604, 70.6074, 48.2838



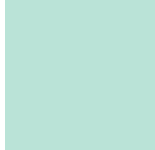
Protanomaly

60.9108, 69.7881, 45.8574



Deuteranomaly

63.8818, 69.2901, 49.0371



Tritanomaly

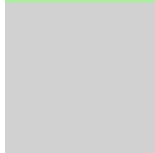
59.9845, 70.2836, 74.6945

Monochromacy



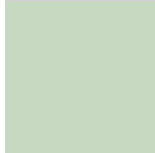
Original Color

54.6604, 70.6074, 48.2838



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

58.0977, 66.0436, 60.7246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6604, 70.6074, 48.2838 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(178, 233, 169)` looks like.

```
.text, #text, p{  
    color:rgb(178, 233, 169)  
}
```

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(178, 233, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 233, 169) }
```

Border

The CSS property to change the border of an element to XYZ 54.6604, 70.6074, 48.2838 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(178, 233, 169) }
```


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

```
.border{ border-color:rgb(178, 233, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 233, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 233, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 233, 169);  
box-shadow:4px 4px 4px 4px rgb(178, 233,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6604, 70.6074, 48.2838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 233, 169) }
```

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

```
.background{ background-color: rgb(178,  
233, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor