

Converting Colors

XYZ(54.9324, 68.7936, 50.3722)

Have a look what the booklet for
XYZ(54.9324, 68.7936, 50.3722)
contains.

XYZ(54.9118, 68.6101, 50.3933)	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(54.9118, 68.6101,
50.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	B7E4AE
RGB	183, 228, 174
RGB Percent	72%, 89%, 68%
CMY	0.2823, 0.1059, 0.3176
CMYK	0.20, 0.00, 0.24, 0.11
HSL	110°, 50%, 79%
HSV	110°, 24%, 89%
XYZ	54.9118, 68.6101, 50.3933
YIQ	208.3890, -9.4860, -26.3340

Conversions

Conversions Part 2

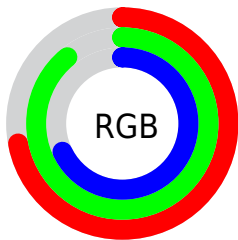
Format	Color
RYB	174, 228, 219
Decimal	12051630
CIELab	86.31, -24.56, 21.69
CIELCh	86, 32.769, 138.546
Yxy	68.6101, 0.3157, 0.3945
Android (android.graphics.Color)	4290241710 (0xFFB7E4AE)
YUV	208.3890, -16.9538, -22.2662
Hunter-Lab	82.8312, -26.6205, 21.9107

Details

The XYZ color **54.9118, 68.6101, 50.3933** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58.3560, 50.9356, 80.1583**, and the grayscale version is **60.3193, 63.4606, 69.1086**.

A 20% lighter version of the original color is **85.9781, 95.7584, 88.8146**, and **27.2570, 35.5527, 23.5149** is the 20% darker color. If you saturate the color by 10%, you get **48.6569, 65.6230, 39.4660**, and if you desaturate by 10%, it is **62.1579, 72.0686, 63.3393**.

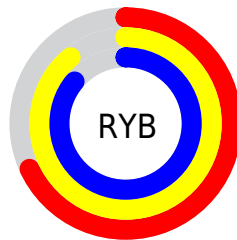
Distribution



Red (72%)

Green (89%)

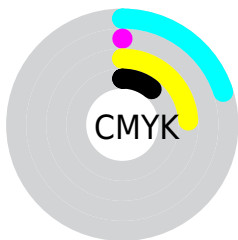
Blue (68%)



Red (68%)

Yellow (89%)

Blue (86%)

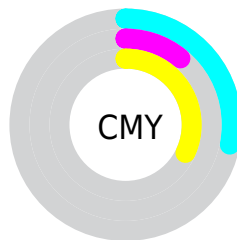


Cyan (20%)

Magenta (0%)

Yellow (24%)

Black (11%)



Cyan (28%)

Magenta (11%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9118, 68.6101, 50.3933 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 54.9118, 68.6101, 50.3933 by changing the saturation by 10% instead.

■ 54.9118, 68.6101,
50.3933

■ 54.9118, 68.6101,
50.3933

395.7194,
455.6546, 404.9810

■ 39.5647, 50.3942,
35.3526

■ 96.5608, 117.2245,
92.1596

■ 27.3820, 35.7267,
23.6489

123.5934,
148.3918, 119.7224

■ 17.9984, 24.2232,
14.8636

155.2518,
184.6451, 152.2962

■ 11.0485, 15.4993,
8.5782

191.9015,
226.3688, 190.2997

■ 6.1670, 9.1705,
4.3740

233.9077,
273.9471, 234.1514

■ 2.9885, 4.8526,
1.8327

281.6358,

■ 1.1477, 2.1610,

327.7646, 284.2699

0.4494

335.4513,
388.2057, 341.0735

0.0645, 0.6986,
0.0000

0.0000, 0.0000,
0.0000

54.9118, 68.6101,
50.3933

54.9118, 68.6101,
50.3933

48.6569, 65.6230,
39.4660

62.1579, 72.0686,
63.3393

43.3443, 63.0783,
30.4516

70.4303, 76.0085,
78.3938

38.9294, 60.9573,
23.2411

79.7691, 80.4507,
95.6467

35.3614, 59.2366,
17.7133

87.0348, 83.9696,
106.2283

■ 32.5844, 57.8903,
13.7315

■ 30.5357, 56.8894,
11.1380

■ 29.1418, 56.2003,
9.7416

■ 28.5439, 55.9015,
9.2857

Harmonies

Analogous

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



60.6964, 68.6101, 41.7769



54.9118, 68.6101, 50.3933



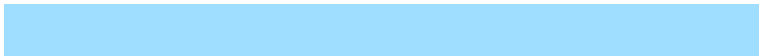
51.9765, 68.6101, 66.7385

Triad

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



54.9118, 68.6101, 50.3933



62.3675, 68.6101, 123.3896



79.9879, 68.6101, 62.2293

Complementary

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



54.9118, 68.6101, 50.3933



58.3560, 50.9356, 80.1583

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.



80.5225, 68.6101, 83.2809



54.9118, 68.6101, 50.3933



69.9459, 68.6101, 121.5363

Square

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



54.9118, 68.6101, 50.3933



56.0536, 68.6101, 110.4552



76.7255, 68.6101, 105.7955



75.3169, 68.6101, 47.6436

Rectangle

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



54.9118, 68.6101, 50.3933



51.8665, 68.6101, 81.0643



76.7255, 68.6101, 105.7955



80.6700, 68.6101, 68.6868

Sweetspot

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



54.9136, 68.6130, 50.3948



87.0454, 96.1903, 94.2145



64.9694, 70.2163, 50.1743



18.4904, 20.5216, 19.9088



0.0000, 0.0000, 0.0000



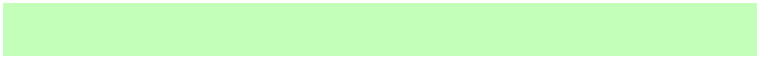
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9136, 68.6130, 50.3948



67.0044, 86.6325, 58.3181



54.7156, 68.2944, 60.1692



14.4120, 16.2039, 15.2725



16.5481, 32.3123, 5.3647



1.2902, 2.4225, 0.3996

Inverse Universe

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



58.3560, 50.9356, 80.1583



72.1049, 60.4079, 102.4673



58.7663, 51.4210, 67.8033



14.7470, 14.4873, 18.1634



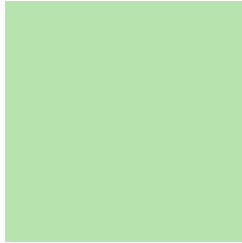
20.4361, 9.6011, 43.1593



1.5730, 0.7419, 3.1923

Previews

White Background



This preview shows how the XYZ color 54.9118, 68.6101, 50.3933 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 54.9118, 68.6101, 50.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

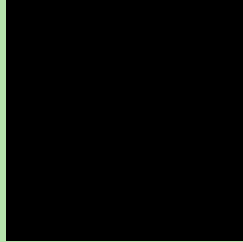
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9118, 68.6101, 50.3933

Background



This preview shows how black text looks on a background with the XYZ color 54.9118, 68.6101, 50.3933.

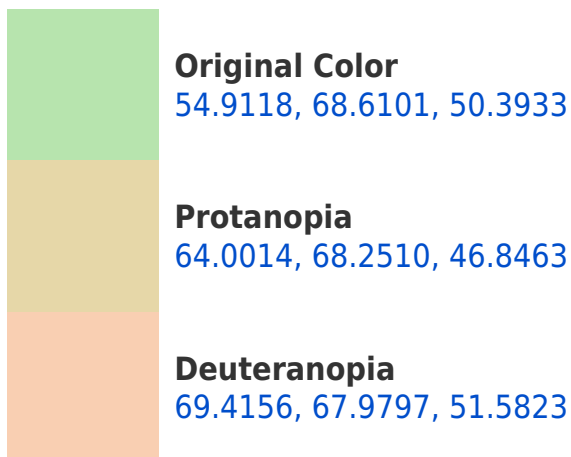


This preview shows how white text looks on a background with the XYZ color 54.9118, 68.6101,

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

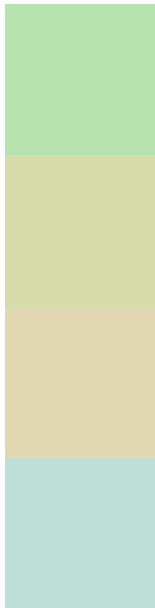




Tritanopia

62.8716, 68.6383, 90.0556

Trichromacy



Original Color

54.9118, 68.6101, 50.3933

Protanomaly

60.2895, 68.2348, 48.0233

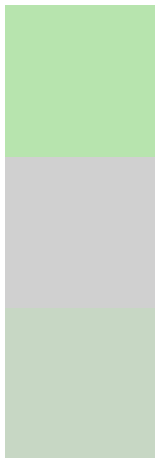
Deuteranomaly

63.2876, 67.7828, 51.3427

Tritanomaly

59.5115, 68.4492, 73.6938

Monochromacy



Original Color

54.9118, 68.6101, 50.3933

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

57.8174, 64.7285, 61.6711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9118, 68.6101, 50.3933 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, 228, 174)` looks like.

```
.text, #text, p{  
    color:rgb(183, 228, 174)  
}
```

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, 228, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 228, 174) }
```

Border

The CSS property to change the border of an element to XYZ 54.9118, 68.6101, 50.3933 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, 228, 174) }
```


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

```
.border{ border-color:rgb(183, 228, 174) }
```

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

Here you see how a box with a 4 pixel rgb(183, 228, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 228, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 228, 174);  
box-shadow:4px 4px 4px 4px rgb(183, 228,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9118, 68.6101, 50.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 228, 174) }
```

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

```
.background{ background-color: rgb(183,  
228, 174) }
```

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