

Converting Colors

XYZ(54.4204, 64.8098, 48.1694)

Have a look what the booklet for
XYZ(54.4204, 64.8098, 48.1694)
contains.

XYZ(54.4204, 64.8098, 48.1694)	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(54.4204, 64.8098,
48.1694)**

Conversions

Conversions Part 1

Format	Color
Hex	C0DBAB
RGB	192, 219, 171
RGB Percent	75%, 86%, 67%
CMY	0.2471, 0.1412, 0.3294
CMYK	0.12, 0.00, 0.22, 0.14
HSL	94°, 40%, 76%
HSV	94°, 22%, 86%
XYZ	54.4204, 64.8098, 48.1694
YIQ	205.4550, -0.6840, -20.6520

Conversions

Conversions Part 2

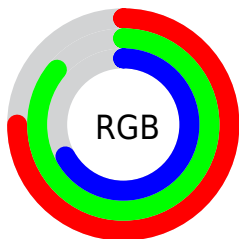
Format	Color
RYB	171, 219, 198
Decimal	12639147
CIELab	84.39, -17.51, 20.68
CIELCh	84, 27.100, 130.247
Yxy	64.8098, 0.3251, 0.3872
Android (android.graphics.Color)	4290829227 (0xFFC0DBAB)
YUV	205.4550, -16.9863, -11.8000
Hunter-Lab	80.5045, -20.2184, 20.8774

Details

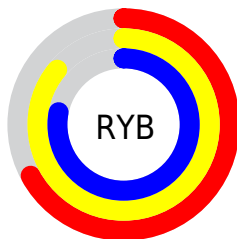
The XYZ color **54.4204, 64.8098, 48.1694** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.6406, 46.2480, 73.2791**, and the grayscale version is **58.4248, 61.4674, 66.9380**.

A 20% lighter version of the original color is **88.5544, 97.1507, 86.0362**, and **27.0865, 33.2861, 22.4500** is the 20% darker color. If you saturate the color by 10%, you get **49.5138, 62.5039, 37.9311**, and if you desaturate by 10%, it is **59.9375, 67.3944, 60.2444**.

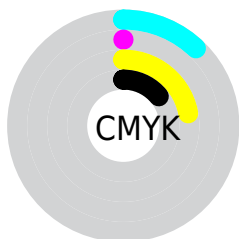
Distribution



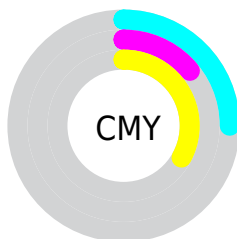
- Red (75%)
- Green (86%)
- Blue (67%)



- Red (67%)
- Yellow (86%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)





- Cyan (25%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4204, 64.8098, 48.1694 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 54.4204, 64.8098, 48.1694 by changing the saturation by 10% instead.


 54.4204, 64.8098,
48.1694

 54.4204, 64.8098,
48.1694


393.8833,
442.1082, 395.9913

 39.1699, 47.3069,
33.6001


 95.8445, 111.7764,
88.8247

 27.0732, 33.2783,
22.3117


122.7488,
142.0088, 115.7479

 17.7651, 22.3397,
13.8856


154.2684,
177.2532, 147.6260

 10.8801, 14.1067,
7.9033

190.7687,
217.8939, 184.8778

 6.0530, 8.1949,
3.9462

232.6149,
264.3154, 227.9216

 2.9183, 4.2199,
1.5959

280.1726,

 1.1107, 1.7973,

316.9020, 277.1761

0.2879

333.8069,
376.0381, 333.0598

0.0340, 0.4855,
0.0000

0.0000, 0.0000,
0.0000

54.4204, 64.8098,
48.1694

54.4204, 64.8098,
48.1694

49.5138, 62.5039,
37.9311

59.9375, 67.3944,
60.2444

45.1892, 60.4580,
29.4353

66.0820, 70.2587,
74.2357

41.4233, 58.6643,
22.5858

72.8764, 73.4145,
90.2233

38.1888, 57.1111,
17.2756

79.7548, 76.6361,
105.1965

■ 35.4559, 55.7855,
13.3847

■ 84.1105, 78.8816,
105.4003

■ 33.1910, 54.6733,
10.7756

■ 84.6229, 79.1457,
105.4243

■ 31.3548, 53.7578,
9.2831

■ 30.1359, 53.1418,
8.6691

Harmonies

Analogous

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



59.5637, 64.8098, 42.7156



54.4204, 64.8098, 48.1694



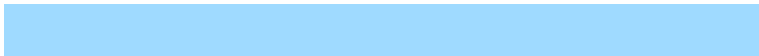
51.3361, 64.8098, 59.9462

Triad

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



54.4204, 64.8098, 48.1694



57.7702, 64.8098, 106.5873



73.7058, 64.8098, 64.8331

Complementary

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



54.4204, 64.8098, 48.1694



50.6406, 46.2480, 73.2791

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.



73.1477, 64.8098, 82.3732



54.4204, 64.8098, 48.1694



63.6817, 64.8098, 108.4701

Square

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



54.4204, 64.8098, 48.1694



53.1811, 64.8098, 94.2225



69.3843, 64.8098, 99.0118



70.8631, 64.8098, 51.2442

Rectangle

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



54.4204, 64.8098, 48.1694



50.7354, 64.8098, 70.7096



69.3843, 64.8098, 99.0118



73.9139, 64.8098, 70.4243

Sweetspot

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



54.4221, 64.8126, 48.1708



88.7096, 97.0482, 94.2924



56.6239, 58.1173, 46.7624



18.8750, 20.7199, 19.9268



0.0000, 0.0000, 0.0000



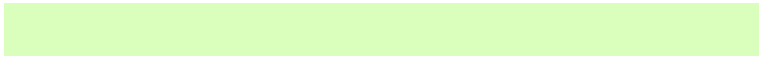
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4221, 64.8126, 48.1708



73.7373, 90.0407, 61.4668



49.7097, 62.3566, 49.1555



13.4243, 14.8834, 13.8908



17.9892, 31.5712, 5.1457



1.2632, 2.0957, 0.3379

Inverse Universe

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



50.6406, 46.2480, 73.2791



67.5464, 59.6546, 102.5622



56.2513, 49.1767, 71.9039



13.0360, 12.9767, 16.4698



12.5699, 5.6042, 40.1576



0.9126, 0.4137, 2.6062

Previews

White Background



This preview shows how the XYZ color 54.4204, 64.8098, 48.1694 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 54.4204, 64.8098, 48.1694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

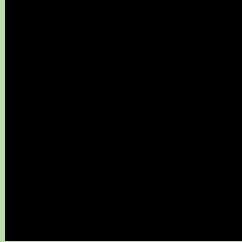
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4204, 64.8098, 48.1694

Background



This preview shows how black text looks on a background with the XYZ color 54.4204, 64.8098, 48.1694.



This preview shows how white text looks on a background with the XYZ color 54.4204, 64.8098,

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



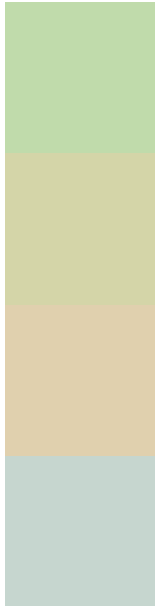
Original Color
54.4204, 64.8098, 48.1694
Protanopia
60.4531, 64.5712, 45.8365
Deuteranopia
65.8205, 64.3909, 49.5170



Tritanopia

61.3853, 64.6075, 82.6339

Trichromacy



Original Color

54.4204, 64.8098, 48.1694

Protanomaly

58.0135, 64.4127, 46.4210

Deuteranomaly

60.9363, 64.0150, 49.1888

Tritanomaly

58.5978, 64.6039, 68.4129

Monochromacy



Original Color

54.4204, 64.8098, 48.1694

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

56.4916, 62.2228, 59.4849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4204, 64.8098, 48.1694 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(192, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(192, 219, 171)  
}
```

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(192, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 219, 171) }
```

Border

The CSS property to change the border of an element to XYZ 54.4204, 64.8098, 48.1694 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(192, 219, 171) }
```


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

```
.border{ border-color:rgb(192, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 219, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 219, 171); box-shadow:4px 4px 4px 4px rgb(192, 219, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4204, 64.8098, 48.1694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 219, 171) }
```

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

```
.background{ background-color: rgb(192,  
219, 171) }
```

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