

Converting Colors

XYZ(54.3604, 54.7566, 50.9162)

Have a look what the booklet for
XYZ(54.3604, 54.7566, 50.9162)
contains.

XYZ(54.3096, 54.7030, 50.8763)	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(54.3096, 54.7030,
50.8763)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BFB4
RGB	213, 191, 180
RGB Percent	84%, 75%, 71%
CMY	0.1647, 0.2510, 0.2941
CMYK	0.00, 0.10, 0.15, 0.16
HSL	20°, 28%, 77%
HSV	20°, 15%, 84%
XYZ	54.3096, 54.7030, 50.8763
YIQ	196.3240, 16.6430, 1.2430

Conversions

Conversions Part 2

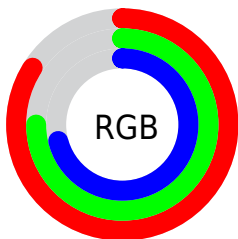
Format	Color
R _Y B	213, 197, 180
Decimal	14008244
CIE Lab	78.87, 5.98, 8.37
CIE LCh	79, 10.291, 54.446
Yxy	54.7030, 0.3397, 0.3421
Android (android.graphics.Color)	4292198324 (0xFFD5BFB4)
YUV	196.3240, -8.0477, 14.6249
Hunter-Lab	73.9615, 1.6392, 10.9889

Details

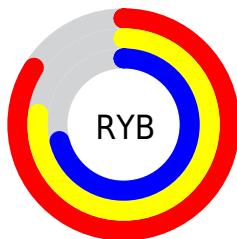
The XYZ color **54.3096, 54.7030, 50.8763** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9529, 56.7473, 71.1665**, and the grayscale version is **52.7049, 55.4496, 60.3847**.

A 20% lighter version of the original color is **89.6411, 93.8377, 92.7448**, and **27.0198, 26.9784, 23.8619** is the 20% darker color. If you saturate the color by 10%, you get **49.3571, 48.0074, 39.3301**, and if you desaturate by 10%, it is **59.8988, 62.1372, 64.2811**.

Distribution



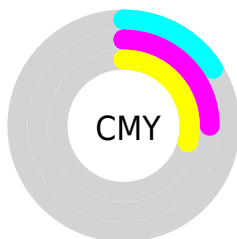
- Red (84%)
- Green (75%)
- Blue (71%)



- Red (84%)
- Yellow (77%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (16%)





- Cyan (16%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3096, 54.7030, 50.8763 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 54.3096, 54.7030, 50.8763 by changing the saturation by 10% instead.

 54.3096, 54.7030,
50.8763

 54.3096, 54.7030,
50.8763


393.4686,
404.7851, 406.9158

 39.0809, 39.1640,
35.7341


 95.6829, 97.1057,
92.8815

 27.0037, 26.8873,
23.9409


122.5582,
124.7381, 120.5817

 17.7126, 17.4886,
15.0780


154.0464,
157.1705, 153.3049

 10.8423, 10.5835,
8.7269

190.5129,
194.7872, 191.4697

 6.0274, 5.7875,
4.4691

232.3230,
237.9726, 235.4946

 2.9026, 2.7163,
1.8861

279.8421,

 1.1024, 0.9855,

287.1111, 285.7983

0.4838

333.4355,
342.5872, 342.7992

■ 0.0272, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3096, 54.7030,
50.8763

■ 54.3096, 54.7030,
50.8763

■ 49.3571, 48.0074,
39.3301

■ 59.8988, 62.1372,
64.2811

■ 45.0131, 42.0201,
29.5563

■ 66.1425, 70.3246,
79.6186

■ 41.2538, 36.7190,
21.4670

■ 73.0634, 79.2888,
96.9631

■ 38.0522, 32.0786,
14.9653

■ 78.9953, 88.3752,
107.5024

■ 35.3787, 28.0711,
9.9444

■ 81.2508, 92.8863,
108.2542

■ 33.2007, 24.6670,
6.2839

■ 31.4814, 21.8337,
3.8446

■ 30.1771, 19.5347,
2.4558

■ 29.6957, 18.6560,
2.0358

Harmonies

Analogous

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



55.6495, 54.7030, 55.0300



54.3096, 54.7030, 50.8763



52.3744, 54.7030, 49.0591

Triad

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



54.3096, 54.7030, 50.8763



48.1837, 54.7030, 58.4809



53.6350, 54.7030, 70.3937

Complementary

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



54.3096, 54.7030, 50.8763



51.9529, 56.7473, 71.1665

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.



51.6146, 54.7030, 71.4667



54.3096, 54.7030, 50.8763



48.5013, 54.7030, 64.3368

Square

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



54.3096, 54.7030, 50.8763



48.8649, 54.7030, 53.2616



49.7443, 54.7030, 69.1845



55.2530, 54.7030, 66.3412

Rectangle

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



54.3096, 54.7030, 50.8763



51.0204, 54.7030, 49.3255



49.7443, 54.7030, 69.1845



52.9790, 54.7030, 71.1255

Sweetspot

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



54.3111, 54.7054, 50.8775



90.4131, 93.9029, 97.5612



54.4231, 51.0536, 62.8637



19.2170, 19.9207, 20.5538



0.0000, 0.0000, 0.0000



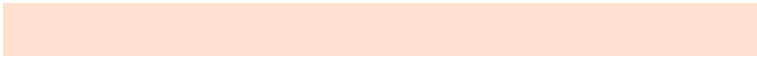
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3111, 54.7054, 50.8775



78.7567, 78.3613, 69.7178



58.1136, 62.3104, 52.1449



12.7582, 13.0906, 13.0150



18.2236, 11.5644, 1.2717



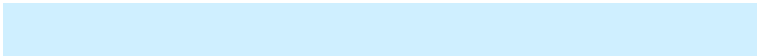
1.1742, 0.8476, 0.1017

Inverse Universe

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



51.9529, 56.7473, 71.1665



74.4775, 82.0625, 106.5220



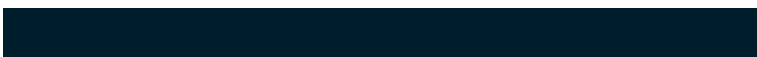
48.2871, 49.4156, 69.9445



12.4271, 13.3777, 15.8647



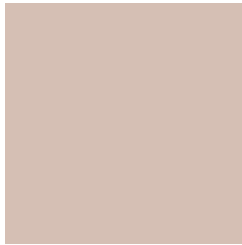
13.3401, 14.9421, 40.6342



0.8793, 1.0506, 2.4757

Previews

White Background



This preview shows how the XYZ color 54.3096, 54.7030, 50.8763 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 54.3096, 54.7030, 50.8763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

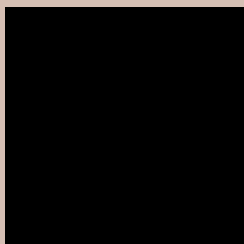
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3096, 54.7030, 50.8763

Background



This preview shows how black text looks on a background with the XYZ color 54.3096, 54.7030, 50.8763.



This preview shows how white text looks on a background with the XYZ color 54.3096, 54.7030,

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

54.3096, 54.7030, 50.8763

Protanopia

52.3157, 54.9642, 52.1078

Deuteranopia

55.7366, 54.4774, 50.7576



Tritanopia

56.9628, 54.8296, 63.4580

Trichromacy



Original Color

54.3096, 54.7030, 50.8763

Protanomaly

53.0859, 55.0416, 51.5422

Deuteranomaly

55.0511, 54.4422, 50.7869

Tritanomaly

55.9595, 54.7373, 58.6549

Monochromacy



Original Color

54.3096, 54.7030, 50.8763

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.9432, 54.8578, 56.5134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3096, 54.7030, 50.8763 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(213, 191, 180)` looks like.

```
.text, #text, p{  
    color:rgb(213, 191, 180)  
}
```

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(213, 191, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 191, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.3096, 54.7030, 50.8763 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(213, 191, 180) }
```


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

```
.border{ border-color:rgb(213, 191, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 191, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 191, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 191, 180);  
box-shadow:4px 4px 4px 4px rgb(213, 191,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3096, 54.7030, 50.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 191, 180) }
```

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

```
.background{ background-color: rgb(213,  
191, 180) }
```

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