

Converting Colors

XYZ(52.8471, 54.8835, 53.1574)

Have a look what the booklet for
XYZ(52.8471, 54.8835, 53.1574)
contains.

XYZ(52.8454, 54.8816, 53.1554)	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(52.8454, 54.8816,
53.1554)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC2B8
RGB	204, 194, 184
RGB Percent	80%, 76%, 72%
CMY	0.2000, 0.2392, 0.2784
CMYK	0.00, 0.05, 0.10, 0.20
HSL	30°, 16%, 76%
HSV	30°, 10%, 80%
XYZ	52.8454, 54.8816, 53.1554
YIQ	195.8500, 9.1700, -0.9900

Conversions

Conversions Part 2

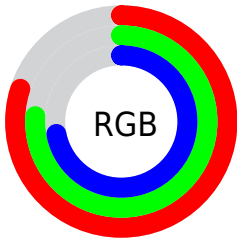
Format	Color
R _Y B	204, 204, 184
Decimal	13419192
CIE Lab	78.97, 1.78, 6.27
CIE LCh	79, 6.513, 74.172
Yxy	54.8816, 0.3285, 0.3411
Android (android.graphics.Color)	4291609272 (0xFFCCC2B8)
YUV	195.8500, -5.8420, 7.1476
Hunter-Lab	74.0821, -2.3133, 9.3157

Details

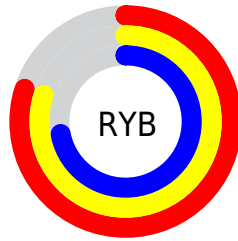
The XYZ color **52.8454, 54.8816, 53.1554** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.9581, 53.1329, 64.7501**, and the grayscale version is **52.4108, 55.1402, 60.0477**.

A 20% lighter version of the original color is **91.1538, 95.9225, 96.1486**, and **26.0525, 26.8789, 25.2878** is the 20% darker color. If you saturate the color by 10%, you get **48.6677, 49.7049, 41.9625**, and if you desaturate by 10%, it is **57.4903, 60.4980, 66.0269**.

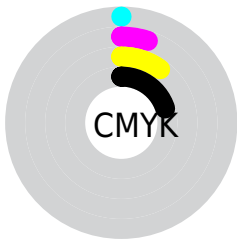
Distribution



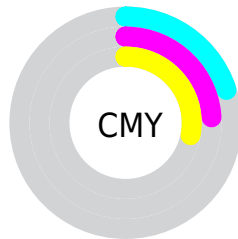
- Red (80%)
- Green (76%)
- Blue (72%)



- Red (80%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (20%)



- Cyan (20%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8454, 54.8816, 53.1554 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 52.8454, 54.8816, 53.1554 by changing the saturation by 10% instead.

■ 52.8454, 54.8816,
53.1554

■ 52.8454, 54.8816,
53.1554

387.9623,
405.4630, 415.9642

■ 37.9064, 39.3069,
37.5383

■ 93.5437, 97.3675,
96.2769

■ 26.0869, 26.9986,
25.3255

120.0337,
125.0474, 124.6183

■ 17.0217, 17.5722,
16.0985

151.1047,
157.5313, 158.0382

■ 10.3454, 10.6433,
9.4388

187.1220,
195.2035, 196.9551

■ 5.6925, 5.8275,
4.9278

228.4511,
238.4483, 241.7877

■ 2.6979, 2.7405,
2.1469

275.4573,

■ 0.9961, 0.9978,

287.6503, 292.9544

0.6435

328.5059,
343.1937, 350.8737

■ 0.0000, 0.0000,
0.0000

■ 52.8454, 54.8816,
53.1554

■ 52.8454, 54.8816,
53.1554

■ 48.6677, 49.7049,
41.9625

■ 57.4903, 60.4980,
66.0269

■ 44.9365, 44.9491,
32.3743

■ 62.6131, 66.5577,
80.6393

■ 41.6359, 40.6047,
24.3167

■ 68.2301, 73.0738,
97.0564

■ 38.7474, 36.6590,
17.7086

■ 72.6007, 79.3545,
106.0982

■ 36.2510, 33.0983,
12.4608

■ 75.6008, 85.3548,
107.0983

■ 34.1244, 29.9083,
8.4745

■ 78.7122, 91.5775,
108.1354

■ 32.3430, 27.0731,
5.6372

■ 30.8777, 24.5750,
3.8158

■ 29.6790, 22.3876,
2.7685

Harmonies

Analogous

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



53.9697, 54.8816, 54.9243



52.8454, 54.8816, 53.1554



51.5561, 54.8816, 53.1061

Triad

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



52.8454, 54.8816, 53.1554



49.7862, 54.8816, 61.5196



53.9176, 54.8816, 65.0187

Complementary

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



52.8454, 54.8816, 53.1554



49.9581, 53.1329, 64.7501

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.



52.7753, 54.8816, 66.9407



52.8454, 54.8816, 53.1554



50.3977, 54.8816, 64.8646

Square

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



52.8454, 54.8816, 53.1554



49.8043, 54.8816, 57.8328



51.4871, 54.8816, 66.8832



54.5957, 54.8816, 61.7229

Rectangle

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



52.8454, 54.8816, 53.1554



50.7773, 54.8816, 54.0490



51.4871, 54.8816, 66.8832



53.5744, 54.8816, 65.8528

Sweetspot

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



52.8469, 54.8840, 53.1566



92.6349, 97.1016, 102.1392



51.7807, 51.0143, 58.1573



19.6922, 20.6204, 21.4848



0.0000, 0.0000, 0.0000



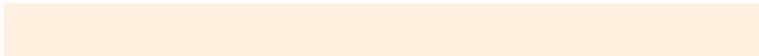
20.3446, 21.4041, 23.3091

Same Dimension

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



52.8469, 54.8840, 53.1566



85.8223, 88.8103, 83.4246



55.1472, 59.4846, 53.9233



11.6681, 12.1252, 11.8049



18.7594, 14.2518, 1.7621



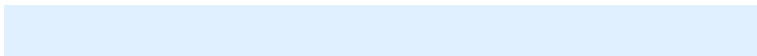
1.0437, 0.8870, 0.1162

Inverse Universe

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



49.9581, 53.1329, 64.7501



79.9849, 85.2719, 106.8512



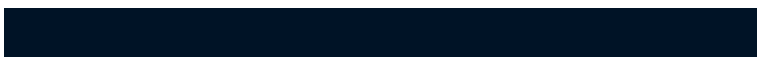
47.8076, 48.8318, 64.0332



11.0572, 11.7549, 14.2565



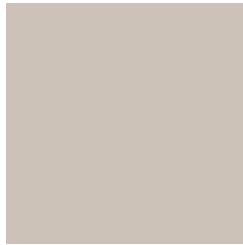
9.9415, 8.9070, 37.1515



0.5888, 0.6113, 1.9419

Previews

White Background



This preview shows how the XYZ color 52.8454, 54.8816, 53.1554 looks on a white background.

Color Contrast Check

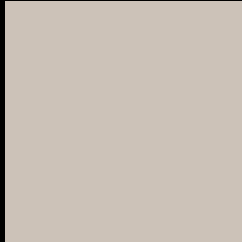
Large Text (above 18pt) WCAG AA × Fail

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 52.8454, 54.8816, 53.1554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

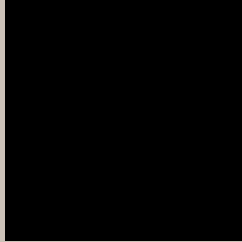
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

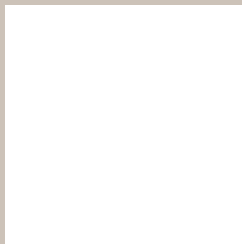
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8454, 54.8816, 53.1554

Background



This preview shows how black text looks on a background with the XYZ color 52.8454, 54.8816, 53.1554.

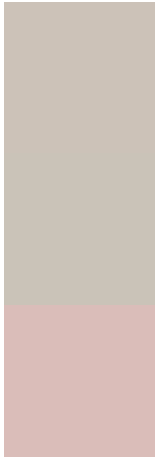


This preview shows how white text looks on a background with the XYZ color 52.8454, 54.8816,

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

52.8454, 54.8816, 53.1554

Protanopia

52.5240, 55.0475, 53.2043

Deuteranopia

55.8680, 54.8034, 53.5325



Tritanopia

55.5035, 54.9832, 66.0800

Trichromacy



Original Color

52.8454, 54.8816, 53.1554

Protanomaly

52.7954, 55.1874, 53.2170

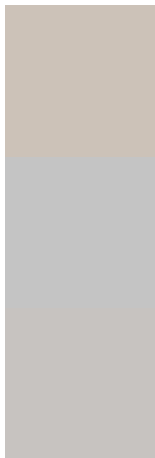
Deuteranomaly

54.8283, 54.9105, 53.6080

Tritanomaly

54.4963, 54.8983, 61.1502

Monochromacy



Original Color

52.8454, 54.8816, 53.1554

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.5827, 54.9781, 57.7096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8454, 54.8816, 53.1554 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(204, 194, 184)` looks like.

```
.text, #text, p{  
    color:rgb(204, 194, 184)  
}
```

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(204, 194, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 194, 184) }
```

Border

The CSS property to change the border of an element to XYZ 52.8454, 54.8816, 53.1554 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(204, 194, 184) }
```


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

```
.border{ border-color:rgb(204, 194, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 194, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 194, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 194, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 194,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8454, 54.8816, 53.1554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 194, 184) }
```

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

```
.background{ background-color: rgb(204,  
194, 184) }
```

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