

Converting Colors

XYZ(54.1316, 51.4769, 45.1136)

Have a look what the booklet for
XYZ(54.1316, 51.4769, 45.1136)
contains.

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Color

**XYZ(54.2110, 51.6380,
45.1401)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB5AA
RGB	223, 181, 170
RGB Percent	87%, 71%, 67%
CMY	0.1255, 0.2902, 0.3333
CMYK	0.00, 0.19, 0.24, 0.13
HSL	12°, 45%, 77%
HSV	12°, 24%, 87%
XYZ	54.2110, 51.6380, 45.1401
YIQ	192.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

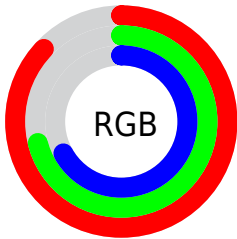
Format	Color
R _Y B	223, 184, 170
Decimal	14661034
CIE Lab	77.06, 13.52, 11.33
CIE LCh	77, 17.634, 39.958
Yxy	51.6380, 0.3590, 0.3420
Android (android.graphics.Color)	4292851114 (0xFFDFB5AA)
YUV	192.3040, -10.9959, 26.9204
Hunter-Lab	71.8596, 8.9064, 13.0575

Details

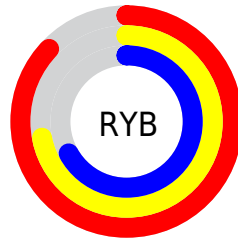
The XYZ color **54.2110, 51.6380, 45.1401** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **53.4398, 60.9590, 78.7621**, and the grayscale version is **50.3323, 52.9535, 57.6663**.

A 20% lighter version of the original color is **85.1148, 87.2646, 83.5919**, and **26.9255, 24.9618, 20.5385** is the 20% darker color. If you saturate the color by 10%, you get **48.9101, 44.1304, 33.8334**, and if you desaturate by 10%, it is **60.3283, 60.2048, 58.4855**.

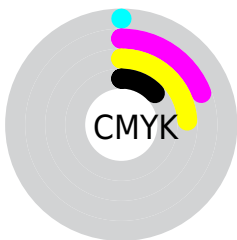
Distribution



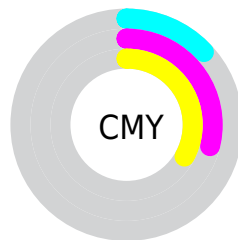
- Red (87%)
- Green (71%)
- Blue (67%)



- Red (87%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (13%)





- Cyan (13%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2110, 51.6380, 45.1401 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 54.2110, 51.6380, 45.1401 by changing the saturation by 10% instead.


 54.2110, 51.6380,
45.1401

 54.2110, 51.6380,
45.1401


393.0993,
393.0375, 383.5173

 39.0017, 36.7166,
31.2240

 95.5391, 92.5971,
84.2513

 26.9418, 24.9882,
20.5096


122.3886,
119.4037, 110.2835

 17.6659, 16.0682,
12.5783

153.8488,
150.9408, 141.1915

 10.8086, 9.5724,
7.0115

190.2852,
187.5927, 177.3938

 6.0046, 5.1164,
3.3907

232.0631,
229.7440, 219.3090

 2.8886, 2.3157,
1.2974

279.5479,

 1.0951, 0.7820,

277.7789, 267.3557

0.0597

333.1048,
332.0820, 321.9522

■ 0.0210, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2110, 51.6380,
45.1401

■ 54.2110, 51.6380,
45.1401

■ 48.9101, 44.1304,
33.8334

■ 60.3283, 60.2048,
58.4855

■ 44.3864, 37.6338,
24.4613

■ 67.2906, 69.8627,
73.9601

■ 40.6035, 32.1066,
16.9158

■ 75.1304, 80.6510,
91.6527

■ 37.5205, 27.5015,
11.0763

■ 83.1932, 92.3312,
108.0447

■ 35.0923, 23.7671,
6.8081

■ 84.2416, 94.4280,
108.3942

■ 33.2682, 20.8469,
3.9556

■ 31.9890, 18.6771,
2.3310

■ 31.4204, 17.6657,
1.7538

Harmonies

Analogous

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



55.7358, 51.6380, 53.0799



54.2110, 51.6380, 45.1401



51.3323, 51.6380, 40.5460

Triad

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



54.2110, 51.6380, 45.1401



43.2472, 51.6380, 50.1082



50.2082, 51.6380, 76.5313

Complementary

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



54.2110, 51.6380, 45.1401



53.4398, 60.9590, 78.7621

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.



46.8953, 51.6380, 75.5001



54.2110, 51.6380, 45.1401



42.9771, 51.6380, 59.4920

Square

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



54.2110, 51.6380, 45.1401



45.0396, 51.6380, 43.1789



44.2841, 51.6380, 68.9905



53.3559, 51.6380, 71.6652

Rectangle

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



54.2110, 51.6380, 45.1401



49.0851, 51.6380, 39.6499



44.2841, 51.6380, 68.9905



49.0756, 51.6380, 76.8748

Sweetspot

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



54.2124, 51.6404, 45.1412



87.9607, 90.2087, 93.0117



56.7408, 49.2117, 69.0609



18.7023, 19.1353, 19.6300



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.



54.2124, 51.6404, 45.1412



69.4168, 64.2607, 52.4879



60.0246, 63.2648, 47.0786



13.9367, 14.1593, 14.3053



18.5403, 10.5185, 1.0531



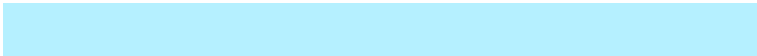
1.3494, 0.8578, 0.0944

Inverse Universe

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



53.4398, 60.9590, 78.7621



68.1737, 79.1616, 106.2943



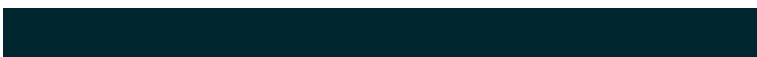
47.4353, 48.9501, 76.7606



13.8623, 15.0638, 17.5647



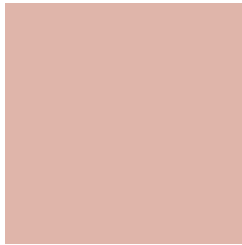
17.1247, 21.7190, 44.3380



1.2485, 1.6285, 3.0938

Previews

White Background



This preview shows how the XYZ color 54.2110, 51.6380, 45.1401 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 54.2110, 51.6380, 45.1401 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 54.2110, 51.6380, 45.1401

Background



This preview shows how black text looks on a background with the XYZ color 54.2110, 51.6380, 45.1401.



This preview shows how white text looks on a background with the XYZ color 54.2110, 51.6380,

45.1401.

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

54.2110, 51.6380, 45.1401

Protanopia

49.4400, 51.9278, 47.9747

Deuteranopia

53.0115, 51.9350, 45.2607



Tritanopia

56.7989, 51.8153, 56.8769

Trichromacy



Original Color

54.2110, 51.6380, 45.1401

Protanomaly

51.0453, 51.8232, 46.8477

Deuteranomaly

53.4026, 51.8293, 45.2196

Tritanomaly

55.8232, 51.7084, 52.3859

Monochromacy



Original Color

54.2110, 51.6380, 45.1401

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.2636, 52.1236, 52.7064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2110, 51.6380, 45.1401 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(223, 181, 170)` looks like.

```
.text, #text, p{  
    color:rgb(223, 181, 170)  
}
```

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(223, 181, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 181, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.2110, 51.6380, 45.1401 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(223, 181, 170) }
```


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

```
.border{ border-color:rgb(223, 181, 170) }
```

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

Here you see how a box with a 4 pixel rgb(223, 181, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 181, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 181, 170);  
box-shadow:4px 4px 4px 4px rgb(223, 181,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2110, 51.6380, 45.1401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 181, 170) }
```

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

```
.background{ background-color: rgb(223,  
181, 170) }
```

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](#).

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