

Converting Colors

XYZ(54.0952, 51.9047, 45.1120)

Have a look what the booklet for
XYZ(54.0952, 51.9047, 45.1120)
contains.

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Color

**XYZ(54.1078, 51.8878,
45.1938)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB6AA
RGB	222, 182, 170
RGB Percent	87%, 71%, 67%
CMY	0.1294, 0.2863, 0.3333
CMYK	0.00, 0.18, 0.23, 0.13
HSL	14°, 44%, 77%
HSV	14°, 23%, 87%
XYZ	54.1078, 51.8878, 45.1938
YIQ	192.5920, 27.6920, 4.7480

Conversions

Conversions Part 2

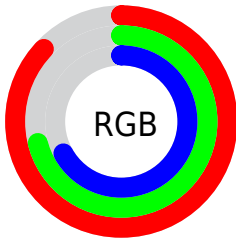
Format	Color
R _Y B	222, 186, 170
Decimal	14595754
CIE Lab	77.21, 12.61, 11.52
CIE LCh	77, 17.081, 42.429
Yxy	51.8878, 0.3579, 0.3432
Android (android.graphics.Color)	4292785834 (0xFFDEB6AA)
YUV	192.5920, -11.1379, 25.7908
Hunter-Lab	72.0332, 8.0224, 13.2245

Details

The XYZ color **54.1078, 51.8878, 45.1938** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.8083, 59.9113, 77.8881**, and the grayscale version is **50.5022, 53.1322, 57.8610**.

A 20% lighter version of the original color is **85.4051, 87.8453, 83.6887**, and **26.8462, 25.1155, 20.5724** is the 20% darker color. If you saturate the color by 10%, you get **48.8965, 44.5467, 33.9559**, and if you desaturate by 10%, it is **60.1030, 60.2283, 58.4437**.

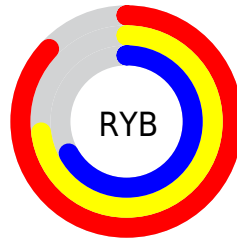
Distribution



Red (87%)

Green (71%)

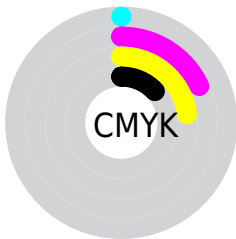
Blue (67%)



Red (87%)

Yellow (73%)

Blue (67%)

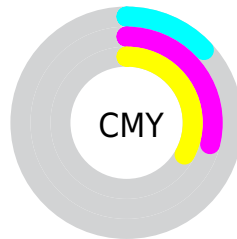


Cyan (0%)

Magenta (18%)

Yellow (23%)

Black (13%)



Cyan (13%)


Magenta (29%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1078, 51.8878, 45.1938 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 54.1078, 51.8878, 45.1938 by changing the saturation by 10% instead.


 54.1078, 51.8878,
45.1938

 54.1078, 51.8878,
45.1938


392.7126,
394.0033, 383.7409

 38.9189, 36.9156,
31.2660

 95.3885, 92.9657,
84.3327

 26.8771, 25.1422,
20.5414


122.2109,
119.8403, 110.3809

 17.6170, 16.1830,
12.6012


153.6419,
151.4512, 141.3063

 10.7734, 9.6538,
7.0270

190.0468,
188.1827, 177.5275

 5.9808, 5.1700,
3.4003

231.7910,
230.4193, 219.4631

 2.8740, 2.3473,
1.3025

279.2398,

 1.0875, 0.7986,

278.5453, 267.5314

0.0638

332.7585,
332.9452, 322.1512

■ 0.0146, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1078, 51.8878,
45.1938

■ 54.1078, 51.8878,
45.1938

■ 48.8965, 44.5467,
33.9559

■ 60.1030, 60.2283,
58.4437

■ 44.4317, 38.1603,
24.6279

■ 66.9090, 69.5967,
73.7945

■ 40.6795, 32.6907,
17.1037

■ 74.5564, 80.0293,
91.3335

■ 37.6012, 28.0951,
11.2653

■ 82.4549, 91.3110,
107.8867

■ 35.1543, 24.3267,
6.9805

■ 83.9342, 94.2696,
108.3798

■ 33.2913, 21.3344,
4.0973

■ 31.9565, 19.0607,
2.4320

■ 31.3190, 17.9192,
1.8081

Harmonies

Analogous

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



55.7190, 51.8878, 52.7077



54.1078, 51.8878, 45.1938



51.2411, 51.8878, 41.0045

Triad

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



54.1078, 51.8878, 45.1938



43.5609, 51.8878, 51.2314



50.6841, 51.8878, 75.9783

Complementary

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



54.1078, 51.8878, 45.1938



52.8083, 59.9113, 77.8881

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.



47.4432, 51.8878, 75.4698



54.1078, 51.8878, 45.1938



43.4266, 51.8878, 60.4637

Square

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



54.1078, 51.8878, 45.1938



45.1946, 51.8878, 44.2162



44.8192, 51.8878, 69.5433



53.6845, 51.8878, 70.8640

Rectangle

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



54.1078, 51.8878, 45.1938



49.0517, 51.8878, 40.3424



44.8192, 51.8878, 69.5433



49.5849, 51.8878, 76.4740

Sweetspot

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



54.1092, 51.8902, 45.1949



88.0835, 90.4542, 93.0526



56.2238, 48.9694, 67.9419



18.7306, 19.1920, 19.6395



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.



54.1092, 51.8902, 45.1949



70.5234, 66.0510, 54.1600



59.7577, 63.1872, 47.0777



13.9627, 14.2114, 14.3139



18.6730, 10.7839, 1.0973



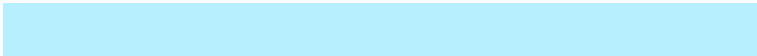
1.3621, 0.8830, 0.0986

Inverse Universe

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



52.8083, 59.9113, 77.8881



68.4467, 78.8115, 106.2124



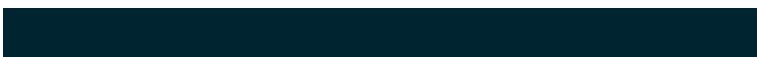
47.0562, 48.4070, 75.9707



13.8343, 15.0077, 17.5553



16.5417, 20.5530, 44.1437



1.2127, 1.5568, 3.0818

Previews

White Background



This preview shows how the XYZ color 54.1078, 51.8878, 45.1938 looks on a white background.

Color Contrast Check

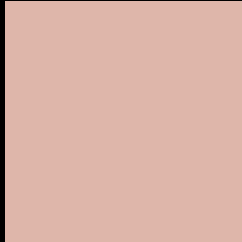
Large Text (above 18pt) WCAG AA × Fail

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 54.1078, 51.8878, 45.1938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

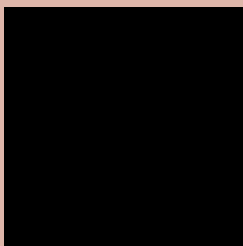
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1078, 51.8878, 45.1938

Background



This preview shows how black text looks on a background with the XYZ color 54.1078, 51.8878, 45.1938.



This preview shows how white text looks on a background with the XYZ color 54.1078, 51.8878,

45.1938.

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

54.1078, 51.8878, 45.1938

Protanopia

49.3421, 51.8887, 47.4593

Deuteranopia

53.0115, 51.9350, 45.2607



Tritanopia

56.7971, 52.0980, 57.5145

Trichromacy



Original Color

54.1078, 51.8878, 45.1938

Protanomaly

51.0453, 51.8232, 46.8477

Deuteranomaly

53.4026, 51.8293, 45.2196

Tritanomaly

55.8187, 51.9926, 52.9926

Monochromacy



Original Color

54.1078, 51.8878, 45.1938

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.8564, 52.7353, 53.3448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1078, 51.8878, 45.1938 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(222, 182, 170)` looks like.

```
.text, #text, p{  
    color:rgb(222, 182, 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(222, 182, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 182, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.1078, 51.8878, 45.1938 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(222, 182, 170) }
```


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

```
.border{ border-color:rgb(222, 182, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 182, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 182, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 182, 170);  
box-shadow:4px 4px 4px 4px rgb(222, 182,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1078, 51.8878, 45.1938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 182, 170) }
```

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

```
.background{ background-color: rgb(222,  
182, 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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