

Converting Colors

XYZ(54.8878, 53.0387, 44.9545)

Have a look what the booklet for
XYZ(54.8878, 53.0387, 44.9545)
contains.

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Color

**XYZ(54.7333, 52.8335,
44.8492)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB8A9
RGB	223, 184, 169
RGB Percent	87%, 72%, 66%
CMY	0.1255, 0.2784, 0.3372
CMYK	0.00, 0.17, 0.24, 0.13
HSL	17°, 46%, 77%
HSV	17°, 24%, 87%
XYZ	54.7333, 52.8335, 44.8492
YIQ	193.9510, 28.0590, 3.6030

Conversions

Conversions Part 2

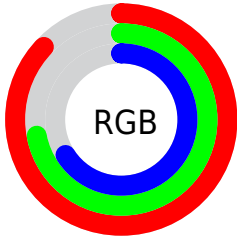
Format	Color
R_{YB}	223, 190, 169
Decimal	14661801
CIE _{Lab}	77.78, 11.77, 12.88
CIE _{LCh}	78, 17.446, 47.562
Yxy	52.8335, 0.3591, 0.3466
Android (android.graphics.Color)	4292851881 (0xFFDFB8A9)
YUV	193.9510, -12.3008, 25.4760
Hunter-Lab	72.6867, 7.2095, 14.2975

Details

The XYZ color **54.7333, 52.8335, 44.8492** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.2367, 58.8727, 78.4227**, and the grayscale version is **51.3092, 53.9813, 58.7856**.

A 20% lighter version of the original color is **85.8546, 88.9620, 83.1674**, and **27.2635, 25.7324, 20.3595** is the 20% darker color. If you saturate the color by 10%, you get **49.6591, 45.7543, 33.6952**, and if you desaturate by 10%, it is **60.5483, 60.8221, 58.0129**.

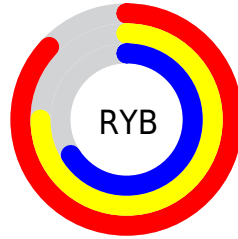
Distribution



Red (87%)

Green (72%)

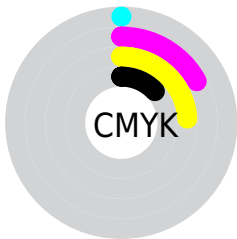
Blue (66%)



Red (87%)

Yellow (75%)

Blue (66%)

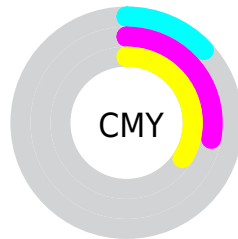


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (13%)



Cyan (13%)


Magenta (28%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7333, 52.8335, 44.8492 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 54.7333, 52.8335, 44.8492 by changing the saturation by 10% instead.


 54.7333, 52.8335,
44.8492

 54.7333, 52.8335,
44.8492


395.0530,
397.6460, 382.3048

 39.4212, 37.6699,
30.9966

 96.3007, 94.3593,
83.8101

 27.2698, 25.7266,
20.3378


123.2867,
121.4903, 109.7555

 17.9136, 16.6192,
12.4543

154.8948,
153.3792, 140.5689

 10.9873, 9.9634,
6.9276

191.4902,
190.4104, 176.6688

 6.1255, 5.3747,
3.3391

233.4384,
232.9682, 218.4738

 2.9629, 2.4687,
1.2703

281.1047,

 1.1342, 0.8609,

281.4372, 266.4025

0.0372

334.8545,
336.2017, 320.8733

■ 0.0534, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7333, 52.8335,
44.8492

■ 54.7333, 52.8335,
44.8492

■ 49.6591, 45.7543,
33.6952

■ 60.5483, 60.8221,
58.0129

■ 45.2905, 39.5444,
24.4479

■ 67.1287, 69.7437,
73.2756

■ 41.5960, 34.1717,
17.0002

■ 74.5034, 79.6301,
90.7252

■ 38.5395, 29.5990,
11.2329

■ 82.1783, 90.3016,
107.7064

■ 36.0814, 25.7861,
7.0123

■ 84.2415, 94.4280,
108.3942

■ 34.1772, 22.6892,
4.1839

■ 32.7746, 20.2589,
2.5604

■ 32.1521, 19.1293,
1.9977

Harmonies

Analogous

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



56.6743, 52.8335, 52.0889



54.7333, 52.8335, 44.8492



51.6302, 52.8335, 41.1910

Triad

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



54.7333, 52.8335, 44.8492



44.1310, 52.8335, 53.6083



52.2042, 52.8335, 77.1694

Complementary

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



54.7333, 52.8335, 44.8492



52.2367, 58.8727, 78.4227

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.



48.8291, 52.8335, 77.6946



54.7333, 52.8335, 44.8492



44.2692, 52.8335, 63.3303

Square

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



54.7333, 52.8335, 44.8492



45.5693, 52.8335, 45.8536



45.9556, 52.8335, 72.3929



55.1697, 52.8335, 71.0296

Rectangle

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



54.7333, 52.8335, 44.8492



49.3659, 52.8335, 40.9711



45.9556, 52.8335, 72.3929



51.0772, 52.8335, 78.0313

Sweetspot

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



54.7347, 52.8359, 44.8503



88.3328, 90.9528, 93.1357



56.0790, 48.6481, 66.4970



18.7882, 19.3072, 19.6587



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.



54.7347, 52.8359, 44.8503



70.6119, 66.6508, 52.8862



60.7387, 64.8439, 46.8516



14.0157, 14.3174, 14.3316



18.9869, 11.4117, 1.2020



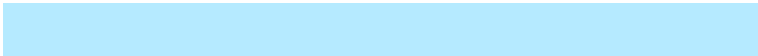
1.3902, 0.9392, 0.1080

Inverse Universe

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



52.2367, 58.8727, 78.4227



66.6695, 76.1533, 105.7929



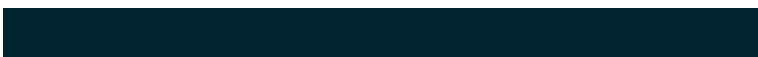
46.3282, 47.0556, 76.4531



13.7778, 14.8947, 17.5365



15.4287, 18.3270, 43.7726



1.1435, 1.4185, 3.0588

Previews

White Background



This preview shows how the XYZ color 54.7333, 52.8335, 44.8492 looks on a white background.

Color Contrast Check

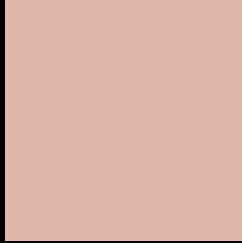
Large Text (above 18pt) WCAG AA × Fail

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 54.7333, 52.8335, 44.8492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

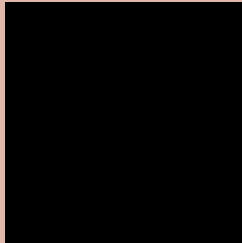
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7333, 52.8335, 44.8492

Background



This preview shows how black text looks on a background with the XYZ color 54.7333, 52.8335, 44.8492.



This preview shows how white text looks on a background with the XYZ color 54.7333, 52.8335,

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

54.7333, 52.8335, 44.8492

Protanopia

50.2119, 52.9958, 47.1179

Deuteranopia

54.0256, 52.7781, 44.8759



Tritanopia

57.4229, 52.7063, 58.1858

Trichromacy



Original Color

54.7333, 52.8335, 44.8492

Protanomaly

51.6564, 52.7836, 46.4954

Deuteranomaly

54.3292, 52.9346, 44.8901

Tritanomaly

56.3322, 52.5581, 53.0746

Monochromacy



Original Color

54.7333, 52.8335, 44.8492

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.3472, 53.3088, 53.4296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7333, 52.8335, 44.8492 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, 184, 169)` looks like.

```
.text, #text, p{  
    color:rgb(223, 184, 169)  
}
```

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, 184, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 184, 169) }
```

Border

The CSS property to change the border of an element to XYZ 54.7333, 52.8335, 44.8492 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, 184, 169) }
```


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

```
.border{ border-color:rgb(223, 184, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 184, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 184, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 184, 169);  
box-shadow:4px 4px 4px 4px rgb(223, 184,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7333, 52.8335, 44.8492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 184, 169) }
```

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

```
.background{ background-color: rgb(223,  
184, 169) }
```

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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