

Converting Colors

XYZ(53.8705, 52.5970, 48.0502)

Have a look what the booklet for
XYZ(53.8705, 52.5970, 48.0502)
contains.

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Color

**XYZ(54.0003, 52.6985,
47.8831)**

Conversions

Conversions Part 1

Format	Color
Hex	DAB9AF
RGB	218, 185, 175
RGB Percent	85%, 73%, 69%
CMY	0.1451, 0.2745, 0.3137
CMYK	0.00, 0.15, 0.20, 0.15
HSL	14°, 37%, 77%
HSV	14°, 20%, 85%
XYZ	54.0003, 52.6985, 47.8831
YIQ	193.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

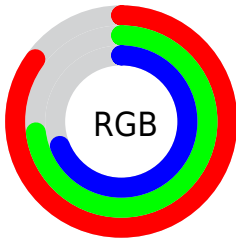
Format	Color
R _Y B	218, 188, 175
Decimal	14334383
CIE Lab	77.70, 10.25, 9.45
CIE LCh	78, 13.946, 42.684
Yxy	52.6985, 0.3493, 0.3409
Android (android.graphics.Color)	4292524463 (0xFFDAB9AF)
YUV	193.7270, -9.2324, 21.2874
Hunter-Lab	72.5937, 5.7418, 11.7077

Details

The XYZ color **54.0003, 52.6985, 47.8831** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **52.8896, 59.2863, 74.9860**, and the grayscale version is **51.1614, 53.8257, 58.6162**.

A 20% lighter version of the original color is **87.1191, 89.9401, 88.3698**, and **26.9307, 25.7191, 22.2838** is the 20% darker color. If you saturate the color by 10%, you get **48.7339, 45.3198, 36.4032**, and if you desaturate by 10%, it is **60.0270, 61.0438, 61.3229**.

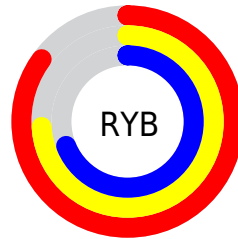
Distribution



Red (85%)

Green (73%)

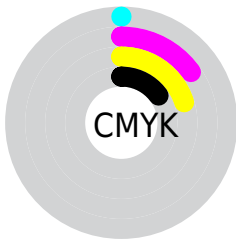
Blue (69%)



Red (85%)

Yellow (74%)

Blue (69%)

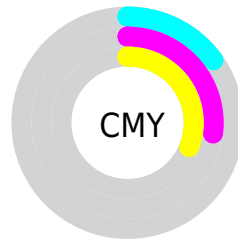


Cyan (0%)

Magenta (15%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (27%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0003, 52.6985, 47.8831 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 54.0003, 52.6985, 47.8831 by changing the saturation by 10% instead.


 54.0003, 52.6985,
47.8831

 54.0003, 52.6985,
47.8831


392.3095,
397.1273, 394.8239

 38.8326, 37.5621,
33.3750

 95.2316, 94.1606,
88.3941

 26.8096, 25.6430,
22.1404


122.0258,
121.2551, 115.2340

 17.5662, 16.5568,
13.7608

153.4263,
153.1044, 147.0216

 10.7368, 9.9190,
7.8176

189.7984,
190.0929, 184.1755

 5.9561, 5.3453,
3.8924

231.5074,
232.6051, 227.1141

 2.8588, 2.4512,
1.5665

278.9186,

 1.0795, 0.8521,

281.0253, 276.2560

0.2667

332.3976,
335.7379, 332.0198

■ 0.0079, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0003, 52.6985,
47.8831

■ 54.0003, 52.6985,
47.8831

■ 48.7339, 45.3198,
36.4032

■ 60.0270, 61.0438,
61.3229

■ 44.1928, 38.8655,
26.7881

■ 66.8387, 70.3816,
76.8053

■ 40.3454, 33.3006,
18.9395

■ 74.4643, 80.7462,
94.4120

■ 37.1562, 28.5855,
12.7486

■ 81.7483, 91.6949,
107.9980

■ 34.5862, 24.6772,
8.0947

■ 82.7237, 93.6455,
108.3231

■ 32.5920, 21.5288,
4.8404

■ 31.1239, 19.0882,
2.8234

■ 30.1087, 17.2903,
1.7677

■ 30.0852, 17.2487,
1.7437

Harmonies

Analogous

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



55.3230, 52.6985, 54.1781



54.0003, 52.6985, 47.8831



51.6487, 52.6985, 44.3299

Triad

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



54.0003, 52.6985, 47.8831



45.2962, 52.6985, 53.0694



51.2364, 52.6985, 73.1328

Complementary

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



54.0003, 52.6985, 47.8831



52.8896, 59.2863, 74.9860

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.



48.5598, 52.6985, 72.7680



54.0003, 52.6985, 47.8831



45.1948, 52.6985, 60.7050

Square

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



54.0003, 52.6985, 47.8831



46.6522, 52.6985, 47.1344



46.3700, 52.6985, 68.0556



53.6892, 52.6985, 69.0115

Rectangle

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



54.0003, 52.6985, 47.8831



49.8457, 52.6985, 43.7788



46.3700, 52.6985, 68.0556



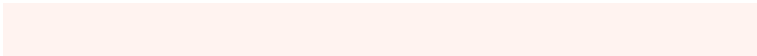
50.3317, 52.6985, 73.5407

Sweetspot

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



54.0017, 52.7009, 47.8842



89.0520, 91.7901, 95.2283



55.7134, 50.1538, 66.8610



18.9264, 19.4624, 20.0783



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.



54.0017, 52.7009, 47.8842



73.5204, 70.2766, 60.6110



58.6791, 62.0556, 49.4433



13.3007, 13.5407, 13.6382



18.0926, 10.4707, 1.0675



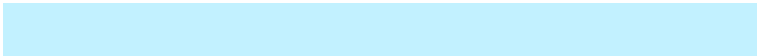
1.2382, 0.8106, 0.0912

Inverse Universe

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



52.8896, 59.2863, 74.9860



71.6316, 81.4324, 106.5504



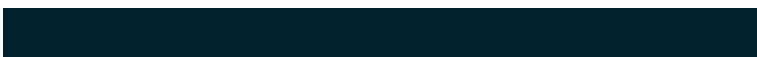
48.1440, 49.7951, 73.4041



13.1747, 14.2892, 16.7158



15.9770, 19.8235, 42.7226



1.0987, 1.4116, 2.7890

Previews

White Background



This preview shows how the XYZ color 54.0003, 52.6985, 47.8831 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 54.0003, 52.6985, 47.8831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

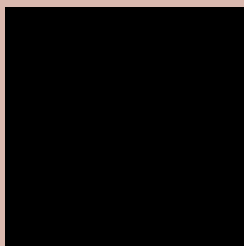
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0003, 52.6985, 47.8831

Background



This preview shows how black text looks on a background with the XYZ color 54.0003, 52.6985, 47.8831.



This preview shows how white text looks on a background with the XYZ color 54.0003, 52.6985,

47.8831.

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

54.0003, 52.6985, 47.8831

Protanopia

50.2199, 52.6181, 49.6289

Deuteranopia

53.7021, 52.5448, 47.8692



Tritanopia

56.5105, 52.8136, 59.4402

Trichromacy



Original Color

54.0003, 52.6985, 47.8831

Protanomaly

51.5870, 52.6913, 49.0465

Deuteranomaly

53.7021, 52.5448, 47.8692

Tritanomaly

55.5258, 52.7135, 54.8251

Monochromacy



Original Color

54.0003, 52.6985, 47.8831

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

52.2290, 53.5460, 54.5963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0003, 52.6985, 47.8831 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(218, 185, 175)` looks like.

```
.text, #text, p{  
    color:rgb(218, 185, 175)  
}
```

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(218, 185, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 185, 175) }
```

Border

The CSS property to change the border of an element to XYZ 54.0003, 52.6985, 47.8831 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(218, 185, 175) }
```


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

```
.border{ border-color:rgb(218, 185, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 185, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 185, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 185, 175);  
box-shadow:4px 4px 4px 4px rgb(218, 185,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0003, 52.6985, 47.8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 185, 175) }
```

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

```
.background{ background-color: rgb(218,  
185, 175) }
```

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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