

Converting Colors

XYZ(52.3297, 48.4331, 45.9568)

Have a look what the booklet for
XYZ(52.3297, 48.4331, 45.9568)
contains.

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Color

**XYZ(52.3052, 48.2764,
46.0967)**

Conversions

Conversions Part 1

Format	Color
Hex	DDADAD
RGB	221, 173, 173
RGB Percent	87%, 68%, 68%
CMY	0.1333, 0.3215, 0.3216
CMYK	0.00, 0.22, 0.22, 0.13
HSL	0°, 41%, 77%
HSV	0°, 22%, 87%
XYZ	52.3052, 48.2764, 46.0967
YIQ	187.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

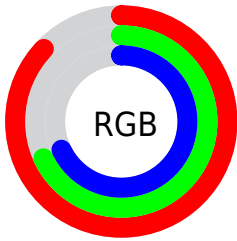
Format	Color
R _Y B	221, 173, 173
Decimal	14527917
CIE Lab	75.00, 17.50, 6.72
CIE LCh	75, 18.746, 21.003
Yxy	48.2764, 0.3566, 0.3291
Android (android.graphics.Color)	4292717997 (0xFFDDADAD)
YUV	187.3520, -7.0755, 29.5093
Hunter-Lab	69.4812, 12.7820, 9.3014

Details

The XYZ color **52.3052, 48.2764, 46.0967** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.1406, 65.8160, 78.1518**, and the grayscale version is **47.4613, 49.9330, 54.3770**.

A 20% lighter version of the original color is **83.2629, 82.9001, 85.0117**, and **25.6847, 22.8128, 21.1387** is the 20% darker color. If you saturate the color by 10%, you get **46.4485, 39.7067, 34.4522**, and if you desaturate by 10%, it is **59.2191, 58.3936, 59.8398**.

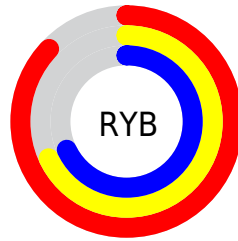
Distribution



Red (87%)

Green (68%)

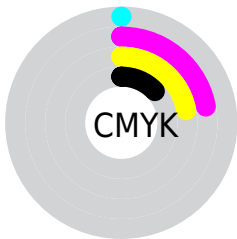
Blue (68%)



Red (87%)

Yellow (68%)

Blue (68%)

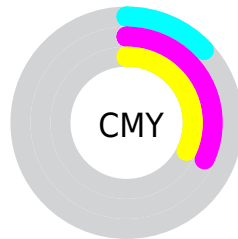


Cyan (0%)

Magenta (22%)

Yellow (22%)

Black (13%)



Cyan (13%)


Magenta (32%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.3052, 48.2764, 46.0967 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 52.3052, 48.2764, 46.0967 by changing the saturation by 10% instead.


 52.3052, 48.2764,
46.0967

 52.3052, 48.2764,
46.0967


385.9184,
379.8867, 387.4862

 37.4737, 34.0458,
31.9729


 92.7528, 87.6158,
85.6995

 25.7498, 22.9288,
21.0762


119.0995,
113.4934, 112.0156

 16.7682, 14.5409,
12.9879


150.0153,
144.0221, 143.2329

 10.1637, 8.4979,
7.2896

185.8656,
179.5864, 179.7699

 5.5707, 4.4151,
3.5627

227.0157,
220.5706, 222.0452

 2.6240, 1.9084,
1.3886

273.8309,

 0.9582, 0.5534,

267.3591, 270.4773

0.1328

326.6767,
320.3363, 325.4848

■ 0.0000, 0.0000,
0.0000

■ 52.3052, 48.2764,
46.0967

■ 52.3052, 48.2764,
46.0967

■ 46.4485, 39.7067,
34.4522

■ 59.2191, 58.3936,
59.8398

■ 41.5933, 32.6022,
24.8003

■ 67.2345, 70.1223,
75.7744

■ 37.6847, 26.8827,
17.0303

■ 76.3980, 83.5309,
93.9916

■ 34.6609, 22.4579,
11.0195

■ 83.6290, 94.1122,
108.3655

■ 32.4530, 19.2270,
6.6306

■ 30.9817, 17.0740,
3.7061

■ 30.1521, 15.8599,
2.0573

■ 29.8192, 15.3726,
1.3956

Harmonies

Analogous

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



52.6948, 48.2764, 55.5666



52.3052, 48.2764, 46.0967



50.1510, 48.2764, 39.2392

Triad

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



52.3052, 48.2764, 46.0967



40.9598, 48.2764, 41.5773



44.8641, 48.2764, 73.4571

Complementary

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



52.3052, 48.2764, 46.0967



56.1406, 65.8160, 78.1518

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.



41.8686, 48.2764, 68.6099



52.3052, 48.2764, 46.0967



39.6892, 48.2764, 49.6731

Square

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



52.3052, 48.2764, 46.0967



43.5674, 48.2764, 36.8641



40.0134, 48.2764, 59.6113



48.2839, 48.2764, 72.1895

Rectangle

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



52.3052, 48.2764, 46.0967



48.0603, 48.2764, 36.6863



40.0134, 48.2764, 59.6113



43.7769, 48.2764, 72.4686

Sweetspot

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



52.3065, 48.2786, 46.0977



86.8761, 88.0393, 92.6501



57.8140, 50.4804, 75.1036



18.4520, 18.6347, 19.5466



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.



52.3065, 48.2786, 46.0977



68.5271, 61.1897, 56.1726



57.3284, 58.3224, 47.7717



13.0562, 13.0517, 13.5567



17.3223, 8.9302, 0.8107



1.1223, 0.5786, 0.0525

Inverse Universe

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



56.1406, 65.8160, 78.1518



74.7202, 89.5170, 107.9481



50.2516, 54.0378, 76.1888



13.4448, 14.8294, 16.8059



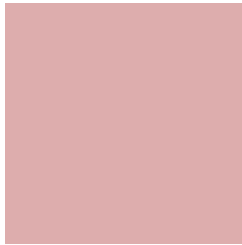
22.5992, 33.0679, 44.9300



1.4641, 2.1424, 2.9108

Previews

White Background



This preview shows how the XYZ color 52.3052, 48.2764, 46.0967 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 52.3052, 48.2764, 46.0967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

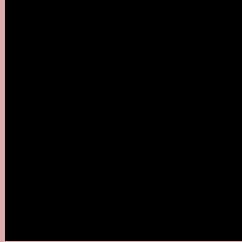
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.3052, 48.2764, 46.0967

Background



This preview shows how black text looks on a background with the XYZ color 52.3052, 48.2764, 46.0967.



This preview shows how white text looks on a background with the XYZ color 52.3052, 48.2764,

46.0967.

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

52.3052, 48.2764, 46.0967

Protanopia

46.5124, 48.4828, 49.5545

Deuteranopia

49.3792, 48.2292, 45.7363



Tritanopia

53.3388, 48.1161, 51.8235

Trichromacy



Original Color

52.3052, 48.2764, 46.0967

Protanomaly

48.3445, 48.2343, 48.3571

Deuteranomaly

50.4123, 48.1754, 45.6715

Tritanomaly

53.1149, 48.3299, 49.7092

Monochromacy



Original Color

52.3052, 48.2764, 46.0967

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.7246, 48.9754, 51.1411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.3052, 48.2764, 46.0967 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(221, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(221, 173, 173)  
}
```

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(221, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 52.3052, 48.2764, 46.0967 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(221, 173, 173) }
```


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

```
.border{ border-color:rgb(221, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(221, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 52.3052, 48.2764, 46.0967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 173, 173) }
```

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

```
.background{ background-color: rgb(221,  
173, 173) }
```

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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