

Converting Colors

XYZ(51.9916, 48.3932, 48.5390)

Have a look what the booklet for
XYZ(51.9916, 48.3932, 48.5390)
contains.

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Color

**XYZ(52.0854, 48.3919,
48.7149)**

Conversions

Conversions Part 1

Format	Color
Hex	DAAEB2
RGB	218, 174, 178
RGB Percent	85%, 68%, 70%
CMY	0.1451, 0.3176, 0.3020
CMYK	0.00, 0.20, 0.18, 0.15
HSL	355°, 37%, 77%
HSV	355°, 20%, 85%
XYZ	52.0854, 48.3919, 48.7149
YIQ	187.6120, 24.9400, 10.5720

Conversions

Conversions Part 2

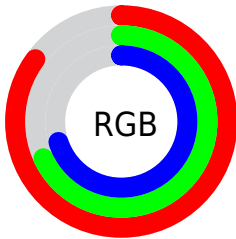
Format	Color
R _Y B	218, 174, 178
Decimal	14331570
CIE Lab	75.07, 16.61, 4.05
CIE LCh	75, 17.100, 13.710
Yxy	48.3919, 0.3491, 0.3244
Android (android.graphics.Color)	4292521650 (0xFFDAAEB2)
YUV	187.6120, -4.7387, 26.6503
Hunter-Lab	69.5643, 11.9122, 7.1750

Details

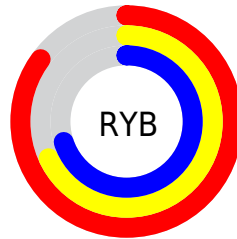
The XYZ color **52.0854, 48.3919, 48.7149** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6665, 63.9977, 73.0930**, and the grayscale version is **47.5972, 50.0759, 54.5327**.

A 20% lighter version of the original color is **84.3881, 83.7941, 89.5681**, and **25.4393, 22.8368, 22.4692** is the 20% darker color. If you saturate the color by 10%, you get **46.3624, 39.9036, 37.6882**, and if you desaturate by 10%, it is **58.7821, 58.3666, 61.4858**.

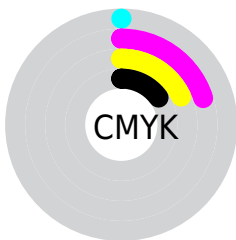
Distribution



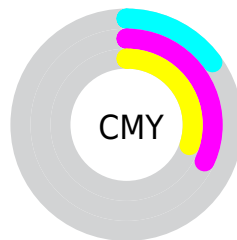
- Red (85%)
- Green (68%)
- Blue (70%)



- Red (85%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0854, 48.3919, 48.7149 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 52.0854, 48.3919, 48.7149 by changing the saturation by 10% instead.


 52.0854, 48.3919,
48.7149

 52.0854, 48.3919,
48.7149


385.0848,
380.3434, 398.2090

 37.2977, 34.1373,
34.0294

 92.4307, 87.7876,
89.6445

 25.6128, 22.9991,
22.6386


118.7189,
113.6976, 116.7256

 16.6654, 14.5929,
14.1241


149.5714,
144.2614, 148.7757

 10.0900, 8.5342,
8.0673

185.3535,
179.8636, 186.2132

 5.5214, 4.4386,
4.0497

226.4305,
220.8885, 229.4568

 2.5942, 1.9218,
1.6526

273.1678,

 0.9430, 0.5614,

267.7205, 278.9249

0.3280

325.9308,
320.7440, 335.0361

■ 0.0000, 0.0000,
0.0000

■ 52.0854, 48.3919,
48.7149

■ 52.0854, 48.3919,
48.7149

■ 46.3624, 39.9036,
37.6882

■ 58.7821, 58.3666,
61.4858

■ 41.5639, 32.8243,
28.3272

■ 66.4908, 69.8871,
76.0690

■ 37.6425, 27.0797,
20.5516

■ 75.2526, 83.0177,
92.5324

■ 34.5449, 22.5859,
14.2734

■ 82.7236, 93.6455,
108.3231

■ 32.2119, 19.2498,
9.3961

■ 30.5765, 16.9648,
5.8117

■ 29.5599, 15.6051,
3.3963

■ 29.0381, 14.9553,
2.0087

Harmonies

Analogous

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



52.0093, 48.3919, 57.6684



52.0854, 48.3919, 48.7149



50.4783, 48.3919, 41.6676

Triad

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



52.0854, 48.3919, 48.7149



41.9652, 48.3919, 41.2006



44.3295, 48.3919, 71.0019

Complementary

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



52.0854, 48.3919, 48.7149



54.6665, 63.9977, 73.0930

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.



41.7854, 48.3919, 65.5039



52.0854, 48.3919, 48.7149



40.4633, 48.3919, 48.0077

Square

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



52.0854, 48.3919, 48.7149



44.5851, 48.3919, 37.6731



40.3990, 48.3919, 56.8768



47.4344, 48.3919, 71.2470

Rectangle

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



52.0854, 48.3919, 48.7149



48.7091, 48.3919, 38.7142



40.3990, 48.3919, 56.8768



43.3837, 48.3919, 69.6810

Sweetspot

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



52.0867, 48.3941, 48.7159



88.2024, 89.7599, 95.9660



55.4073, 49.5724, 72.9783



18.7264, 18.9844, 20.2518



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.



52.0867, 48.3941, 48.7159



70.8378, 63.8948, 62.8508



55.3168, 55.4871, 47.8417



13.1038, 13.0706, 13.8080



17.4138, 8.9666, 1.2934



1.1451, 0.5877, 0.1728

Inverse Universe

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



52.0867, 48.3941, 48.7159



70.8378, 63.8948, 62.8508



50.8594, 55.5565, 74.3730



13.1038, 13.0706, 13.8080



17.4138, 8.9666, 1.2934



1.1451, 0.5877, 0.1728

Previews

White Background



This preview shows how the XYZ color 52.0854, 48.3919, 48.7149 looks on a white background.

Color Contrast Check

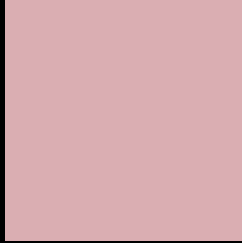
Large Text (above 18pt) WCAG AA × Fail

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 52.0854, 48.3919, 48.7149 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 52.0854, 48.3919, 48.7149

Background



This preview shows how black text looks on a background with the XYZ color 52.0854, 48.3919, 48.7149.



This preview shows how white text looks on a background with the XYZ color 52.0854, 48.3919,

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

52.0854, 48.3919, 48.7149

Protanopia

46.7785, 48.5605, 52.2550

Deuteranopia

49.5095, 48.5363, 48.3540



Tritanopia

53.0199, 48.4924, 53.0199

Trichromacy



Original Color

52.0854, 48.3919, 48.7149

Protanomaly

48.5842, 48.2993, 51.0180

Deuteranomaly

50.2363, 48.3202, 48.2740

Tritanomaly

52.7042, 48.3661, 51.3575

Monochromacy



Original Color

52.0854, 48.3919, 48.7149

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.1384, 49.4698, 52.3061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0854, 48.3919, 48.7149 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, 174, 178) looks like.

```
.text, #text, p{  
    color:rgb(218, 174, 178)  
}
```

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, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 174, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.0854, 48.3919, 48.7149 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, 174, 178) }
```


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

```
.border{ border-color:rgb(218, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(218, 174,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0854, 48.3919, 48.7149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 174, 178) }
```

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

```
.background{ background-color: rgb(218,  
174, 178) }
```

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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