

Converting Colors

XYZ(51.2915, 47.9372, 44.8415)

Have a look what the booklet for
XYZ(51.2915, 47.9372, 44.8415)
contains.

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Color

**XYZ(51.4002, 48.1178,
45.1067)**

Conversions

Conversions Part 1

Format	Color
Hex	DAAEAB
RGB	218, 174, 171
RGB Percent	85%, 68%, 67%
CMY	0.1451, 0.3176, 0.3294
CMYK	0.00, 0.20, 0.22, 0.15
HSL	4°, 39%, 76%
HSV	4°, 22%, 85%
XYZ	51.4002, 48.1178, 45.1067
YIQ	186.8140, 27.1870, 8.3950

Conversions

Conversions Part 2

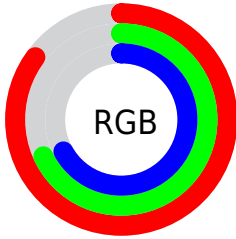
Format	Color
R _Y B	218, 174, 171
Decimal	14331563
CIE Lab	74.90, 15.55, 7.63
CIE LCh	75, 17.324, 26.130
Yxy	48.1178, 0.3554, 0.3327
Android (android.graphics.Color)	4292521643 (0xFFDAAEAB)
YUV	186.8140, -7.7963, 27.3501
Hunter-Lab	69.3670, 10.8743, 10.0029

Details

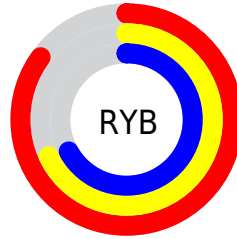
The XYZ color **51.4002, 48.1178, 45.1067** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7494, 62.3192, 75.5260**, and the grayscale version is **47.1622, 49.6183, 54.0343**.

A 20% lighter version of the original color is **83.2643, 83.3446, 83.6501**, and **25.0674, 22.6880, 20.5108** is the 20% darker color. If you saturate the color by 10%, you get **45.8440, 40.0608, 33.8344**, and if you desaturate by 10%, it is **57.9007, 57.5142, 58.3857**.

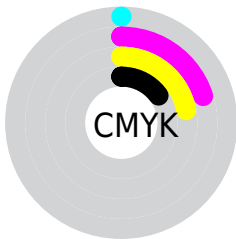
Distribution



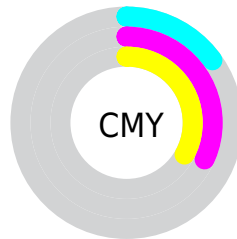
- Red (85%)
- Green (68%)
- Blue (67%)



- Red (85%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (22%)
- Black (15%)





- Cyan (15%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.4002, 48.1178, 45.1067 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 51.4002, 48.1178, 45.1067 by changing the saturation by 10% instead.


 51.4002, 48.1178,
45.1067

 51.4002, 48.1178,
45.1067

382.4787,
379.2589, 383.3782

 36.7495, 33.9202,
31.1979


 91.4255, 87.3798,
84.2006

 25.1864, 22.8323,
20.4899

117.5309,
113.2129, 110.2229

 16.3455, 14.4697,
12.5640

148.1853,
143.6934, 141.1200

 9.8613, 8.4481,
7.0019

183.7539,
179.2055, 177.3106

 5.3687, 4.3830,
3.3848

224.6022,
220.1337, 219.2132

 2.5021, 1.8900,
1.2943

271.0956,

 0.8963, 0.5424,

266.8624, 267.2463

0.0571

323.5993,
319.7760, 321.8285

■ 0.0000, 0.0000,
0.0000

■ 51.4002, 48.1178,
45.1067

■ 51.4002, 48.1178,
45.1067

■ 45.8440, 40.0608,
33.8344

■ 57.9007, 57.5142,
58.3857

■ 41.1844, 33.2760,
24.4683

■ 65.3825, 68.3000,
73.7590

■ 37.3756, 27.7002,
16.9040

■ 73.8853, 80.5308,
91.3129

■ 34.3661, 23.2625,
11.0256

■ 82.7236, 93.6455,
108.3231

■ 32.0987, 19.8844,
6.7039

■ 30.5087, 17.4774,
3.7909

■ 29.5202, 15.9388,
2.1102

■ 29.0698, 15.2178,
1.4052

Harmonies

Analogous

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



52.0583, 48.1178, 53.5735



51.4002, 48.1178, 45.1067



49.1995, 48.1178, 39.2496

Triad

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



51.4002, 48.1178, 45.1067



40.8800, 48.1178, 43.2935



45.3263, 48.1178, 71.7090

Complementary

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



51.4002, 48.1178, 45.1067



53.7494, 62.3192, 75.5260

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.



42.4362, 48.1178, 68.1827



51.4002, 48.1178, 45.1067



39.9448, 48.1178, 51.2282

Square

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



51.4002, 48.1178, 45.1067



43.1144, 48.1178, 38.2903



40.5013, 48.1178, 60.4225



48.4587, 48.1178, 69.5900

Rectangle

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



51.4002, 48.1178, 45.1067



47.2043, 48.1178, 37.2698



40.5013, 48.1178, 60.4225



44.2956, 48.1178, 71.1349

Sweetspot

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



51.4015, 48.1200, 45.1077



88.2837, 90.2535, 94.9722



55.8263, 48.9717, 71.2393



18.7455, 19.1005, 20.0180



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.



51.4015, 48.1200, 45.1077



69.4489, 63.0334, 56.4799



56.1968, 57.7107, 46.7061



13.1225, 13.1844, 13.5788



17.4428, 9.1712, 0.8509



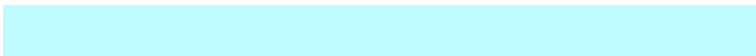
1.1541, 0.6422, 0.0631

Inverse Universe

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



53.7494, 62.3192, 75.5260



73.3849, 86.8465, 107.5030



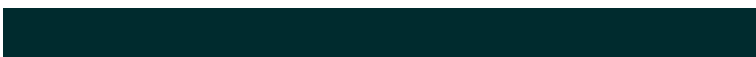
48.3327, 51.4857, 73.7204



13.3699, 14.6796, 16.7809



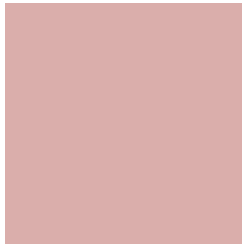
20.5579, 28.9852, 44.2496



1.3538, 1.9218, 2.8740

Previews

White Background



This preview shows how the XYZ color 51.4002, 48.1178, 45.1067 looks on a white background.

Color Contrast Check

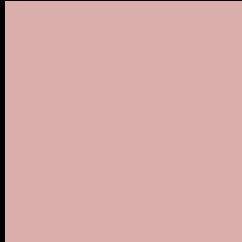
Large Text (above 18pt) WCAG AA × Fail

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 51.4002, 48.1178, 45.1067 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 51.4002, 48.1178, 45.1067

Background



This preview shows how black text looks on a background with the XYZ color 51.4002, 48.1178, 45.1067.



This preview shows how white text looks on a background with the XYZ color 51.4002, 48.1178,

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

51.4002, 48.1178, 45.1067

Protanopia

46.2122, 48.3627, 47.9736

Deuteranopia

49.1885, 48.1530, 44.7321



Tritanopia

53.0247, 48.2235, 52.4123

Trichromacy



Original Color

51.4002, 48.1178, 45.1067

Protanomaly

47.7807, 47.9779, 46.7867

Deuteranomaly

50.1292, 48.3436, 44.7194

Tritanomaly

52.3952, 48.2425, 49.7302

Monochromacy



Original Color

51.4002, 48.1178, 45.1067

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.3571, 48.7979, 50.5863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4002, 48.1178, 45.1067 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(218, 174, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 174, 171) }
```

Border

The CSS property to change the border of an element to XYZ 51.4002, 48.1178, 45.1067 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, 171) }
```


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

```
.border{ border-color:rgb(218, 174, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 174, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 174, 171);  
box-shadow:4px 4px 4px 4px rgb(218, 174,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4002, 48.1178, 45.1067 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, 171) }
```

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

```
.background{ background-color: rgb(218,  
174, 171) }
```

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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