

Converting Colors

XYZ(51.5169, 47.8597, 44.8386)

Have a look what the booklet for
XYZ(51.5169, 47.8597, 44.8386)
contains.

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Color

**XYZ(51.5077, 47.8875,
45.0565)**

Conversions

Conversions Part 1

Format	Color
Hex	DBADAB
RGB	219, 173, 171
RGB Percent	86%, 68%, 67%
CMY	0.1412, 0.3215, 0.3294
CMYK	0.00, 0.21, 0.22, 0.14
HSL	3°, 40%, 76%
HSV	3°, 22%, 86%
XYZ	51.5077, 47.8875, 45.0565
YIQ	186.5260, 28.0580, 9.1300

Conversions

Conversions Part 2

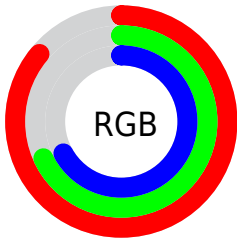
Format	Color
RYB	219, 173, 171
Decimal	14396843
CIELab	74.75, 16.46, 7.43
CIELCh	75, 18.064, 24.303
Yxy	47.8875, 0.3566, 0.3315
Android (android.graphics.Color)	4292586923 (0xFFDBADAB)
YUV	186.5260, -7.6543, 28.4797
Hunter-Lab	69.2008, 11.7602, 9.8370

Details

The XYZ color **51.5077, 47.8875, 45.0565** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.3930, 63.3964, 76.3882**, and the grayscale version is **46.9990, 49.4466, 53.8473**.

A 20% lighter version of the original color is **82.9868, 82.7896, 83.5576**, and **25.1505, 22.5514, 20.4800** is the 20% darker color. If you saturate the color by 10%, you get **45.8779, 39.6962, 33.7202**, and if you desaturate by 10%, it is **58.1180, 57.4856, 58.4270**.

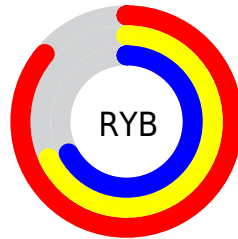
Distribution



Red (86%)

Green (68%)

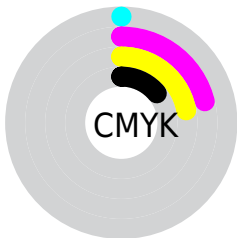
Blue (67%)



Red (86%)

Yellow (68%)

Blue (67%)

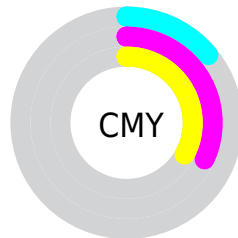


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (14%)



Cyan (14%)


Magenta (32%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5077, 47.8875, 45.0565 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 51.5077, 47.8875, 45.0565 by changing the saturation by 10% instead.


 51.5077, 47.8875,
45.0565

 51.5077, 47.8875,
45.0565

382.8883,
378.3460, 383.1691

 36.8355, 33.7378,
31.1587


 91.5833, 87.0369,
84.1245

 25.2532, 22.6922,
20.4602


117.7175,
112.8054, 110.1318

 16.3956, 14.3664,
12.5426


148.4030,
143.2155, 141.0127

 9.8971, 8.3760,
6.9874

184.0052,
178.6518, 177.1856

 5.3925, 4.3364,
3.3759

224.8895,
219.4986, 219.0692

 2.5165, 1.8635,
1.2896

271.4212,

 0.9036, 0.5263,

266.1403, 267.0819

0.0533

323.9657,
318.9613, 321.6424

■ 0.0000, 0.0000,
0.0000

■ 51.5077, 47.8875,
45.0565

■ 51.5077, 47.8875,
45.0565

■ 45.8779, 39.6962,
33.7202

■ 58.1180, 57.4856,
58.4270

■ 41.1784, 32.8395,
24.3158

■ 65.7483, 68.5452,
73.9214

■ 37.3601, 27.2486,
16.7363

■ 74.4406, 81.1263,
91.6277

■ 34.3681, 22.8461,
10.8634

■ 83.0236, 93.8002,
108.3372

■ 32.1413, 19.5461,
6.5647

■ 30.6100, 17.2510,
3.6885

■ 29.6921, 15.8464,
2.0532

■ 29.3129, 15.2587,
1.4003

Harmonies

Analogous

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



52.0828, 47.8875, 53.9545



51.5077, 47.8875, 45.0565



49.2950, 47.8875, 38.8075

Triad

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



51.5077, 47.8875, 45.0565



40.5844, 47.8875, 42.2980



44.8926, 47.8875, 72.2543

Complementary

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



51.5077, 47.8875, 45.0565



54.3930, 63.3964, 76.3882

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.



41.9346, 47.8875, 68.2252



51.5077, 47.8875, 45.0565



39.5251, 47.8875, 50.3692

Square

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



51.5077, 47.8875, 45.0565



42.9695, 47.8875, 37.3539



40.0073, 47.8875, 59.9325



48.1604, 47.8875, 70.3922

Rectangle

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



51.5077, 47.8875, 45.0565



47.2430, 47.8875, 36.6167



40.0073, 47.8875, 59.9325



43.8309, 47.8875, 71.5305

Sweetspot

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



51.5090, 47.8897, 45.0575



87.0921, 88.4713, 92.7221



56.3533, 49.2171, 72.4489



18.5018, 18.7343, 19.5632



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.



51.5090, 47.8897, 45.0575



69.1259, 62.3873, 56.3722



56.4401, 57.7520, 46.7012



13.0994, 13.1382, 13.5711



17.4008, 9.0871, 0.8369



1.1430, 0.6201, 0.0595

Inverse Universe

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



54.3930, 63.3964, 76.3882



73.8451, 87.7669, 107.6564



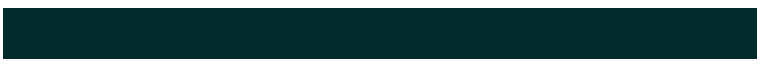
48.7398, 52.0900, 74.5038



13.3958, 14.7314, 16.7896



21.2469, 30.3632, 44.4793



1.3912, 1.9966, 2.8865

Previews

White Background



This preview shows how the XYZ color 51.5077, 47.8875, 45.0565 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 51.5077, 47.8875, 45.0565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

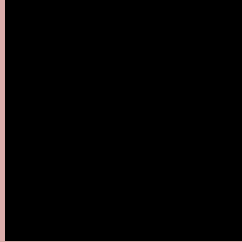
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5077, 47.8875, 45.0565

Background



This preview shows how black text looks on a background with the XYZ color 51.5077, 47.8875, 45.0565.



This preview shows how white text looks on a background with the XYZ color 51.5077, 47.8875,

45.0565.

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

51.5077, 47.8875, 45.0565

Protanopia

45.8556, 47.8601, 48.4161

Deuteranopia

48.9082, 48.0085, 44.7190



Tritanopia

53.0334, 47.9587, 51.8092

Trichromacy



Original Color

51.5077, 47.8875, 45.0565

Protanomaly

47.6774, 47.6147, 47.2351

Deuteranomaly

49.6450, 47.8018, 44.6403

Tritanomaly

52.4044, 47.9754, 49.1460

Monochromacy



Original Color

51.5077, 47.8875, 45.0565

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.6216, 48.9342, 50.5987

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5077, 47.8875, 45.0565 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(219, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(219, 173, 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(219, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 173, 171) }
```

Border

The CSS property to change the border of an element to XYZ 51.5077, 47.8875, 45.0565 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(219, 173, 171) }
```


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

```
.border{ border-color:rgb(219, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(219, 173,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5077, 47.8875, 45.0565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 173, 171) }
```

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

```
.background{ background-color: rgb(219,  
173, 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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