

Converting Colors

XYZ(48.3921, 45.6222, 50.9377)

Have a look what the booklet for
XYZ(48.3921, 45.6222, 50.9377)
contains.

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Color

**XYZ(48.2870, 45.5239,
51.0417)**

Conversions

Conversions Part 1

Format	Color
Hex	CDABB7
RGB	205, 171, 183
RGB Percent	80%, 67%, 72%
CMY	0.1961, 0.3294, 0.2823
CMYK	0.00, 0.17, 0.11, 0.20
HSL	339°, 25%, 74%
HSV	339°, 17%, 80%
XYZ	48.2870, 45.5239, 51.0417
YIQ	182.5340, 16.4120, 10.9400

Conversions

Conversions Part 2

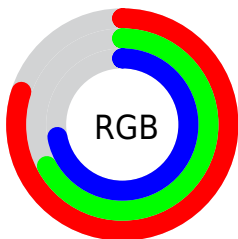
Format	Color
RYB	205, 171, 183
Decimal	13478839
CIELab	73.24, 14.33, -1.51
CIELCh	73, 14.408, 353.984
Yxy	45.5239, 0.3334, 0.3143
Android (android.graphics.Color)	4291668919 (0xFFCDABB7)
YUV	182.5340, 0.2297, 19.7027
Hunter-Lab	67.4714, 9.6715, 2.3775

Details

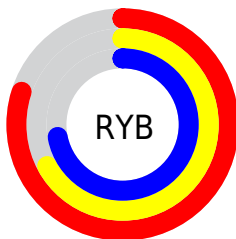
The XYZ color **48.2870, 45.5239, 51.0417** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.2534, 56.1720, 58.7539**, and the grayscale version is **44.7483, 47.0787, 51.2687**.

A 20% lighter version of the original color is **84.0163, 81.8847, 93.0385**, and **23.2038, 21.2894, 24.0054** is the 20% darker color. If you saturate the color by 10%, you get **43.3948, 37.8457, 42.9166**, and if you desaturate by 10%, it is **53.9125, 54.4593, 60.0544**.

Distribution



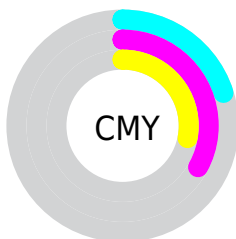
- Red (80%)
- Green (67%)
- Blue (72%)



- Red (80%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (17%)
- Yellow (11%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.2870, 45.5239, 51.0417 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 48.2870, 45.5239, 51.0417 by changing the saturation by 10% instead.


 48.2870, 45.5239,
51.0417

 48.2870, 45.5239,
51.0417

370.4923,
368.8912, 407.5770

 34.2664, 31.8703,
35.8648


 86.8387, 83.5060,
93.1285

 23.2622, 21.2624,
24.0410


112.1005,
108.6033, 120.8756

 14.9090, 13.3160,
15.1515


141.8401,
138.2840, 153.6498

 8.8414, 7.6465,
8.7780

176.4228,
172.9324, 191.8697

 4.6942, 3.8696,
4.5018

216.2140,
212.9329, 235.9538

 2.1019, 1.6009,
1.9045

261.5791,

 0.6902, 0.3582,

258.6699, 286.3207

0.4956

312.8834,
310.5279, 343.3889

■ 0.0000, 0.0000,
0.0000

■ 48.2870, 45.5239,
51.0417

■ 48.2870, 45.5239,
51.0417

■ 43.3948, 37.8457,
42.9166

■ 53.9125, 54.4593,
60.0544

■ 39.2009, 31.3620,
35.6483

■ 60.2967, 64.6988,
69.9787

■ 35.6730, 26.0139,
29.2081

■ 67.4684, 76.2943,
80.8409

■ 32.7748, 21.7348,
23.5644

■ 75.4540, 89.2932,
92.6657

■ 30.4663, 18.4514,
18.6838

■ 78.0878, 91.3596,
103.4130

■ 28.7027, 16.0809,
14.5296

■ 78.9871, 91.7193,
108.1483

■ 27.4320, 14.5270,
11.0617

■ 26.5881, 13.6653,
8.2337

■ 26.3578, 13.4516,
7.3961

Harmonies

Analogous

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



47.3223, 45.5239, 58.2152



48.2870, 45.5239, 51.0417



47.8654, 45.5239, 44.1202

Triad

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



48.2870, 45.5239, 51.0417



41.3226, 45.5239, 37.9023



40.4725, 45.5239, 61.7059

Complementary

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



48.2870, 45.5239, 51.0417



48.2534, 56.1720, 58.7539

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.



38.9769, 45.5239, 55.4463



48.2870, 45.5239, 51.0417



39.4542, 45.5239, 41.8221

Square

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



48.2870, 45.5239, 51.0417



43.7807, 45.5239, 36.9689



38.6115, 45.5239, 48.1225



42.7615, 45.5239, 64.7461

Rectangle

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



48.2870, 45.5239, 51.0417



46.8629, 45.5239, 40.5126



38.6115, 45.5239, 48.1225



39.8639, 45.5239, 59.8808

Sweetspot

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



48.2883, 45.5259, 51.0427



89.8164, 91.6131, 100.7421



47.4575, 44.8121, 63.9065



19.0725, 19.3662, 21.3242



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.



48.2883, 45.5259, 51.0427



76.0172, 69.7195, 78.5553



47.9631, 46.7894, 45.0339



11.3731, 11.2780, 12.4993



16.4497, 8.3905, 4.8209



0.8845, 0.4472, 0.4375

Inverse Universe

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



48.2883, 45.5259, 51.0427



76.0172, 69.7195, 78.5553



48.5781, 54.5920, 65.7351



11.3731, 11.2780, 12.4993



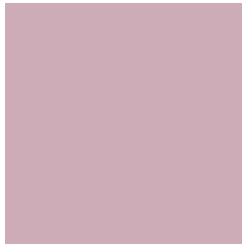
16.4497, 8.3905, 4.8209



0.8845, 0.4472, 0.4375

Previews

White Background



This preview shows how the XYZ color 48.2870, 45.5239, 51.0417 looks on a white background.

Color Contrast Check

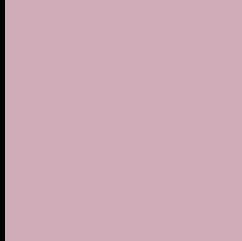
Large Text (above 18pt) WCAG AA × Fail

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 48.2870, 45.5239, 51.0417 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 48.2870, 45.5239, 51.0417

Background



This preview shows how black text looks on a background with the XYZ color 48.2870, 45.5239, 51.0417.



This preview shows how white text looks on a background with the XYZ color 48.2870, 45.5239,

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

48.2870, 45.5239, 51.0417

Protanopia

44.2533, 45.6948, 54.0645

Deuteranopia

46.3445, 45.3853, 50.5736



Tritanopia

48.3915, 45.5656, 51.5919

Trichromacy



Original Color

48.2870, 45.5239, 51.0417

Protanomaly

45.6235, 45.5430, 52.8404

Deuteranomaly

46.9403, 45.4067, 50.5463

Tritanomaly

48.3915, 45.5656, 51.5919

Monochromacy



Original Color

48.2870, 45.5239, 51.0417

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.1532, 46.7355, 51.3881

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.2870, 45.5239, 51.0417 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(205, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(205, 171, 183)  
}
```

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(205, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 171, 183) }
```

Border

The CSS property to change the border of an element to XYZ 48.2870, 45.5239, 51.0417 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(205, 171, 183) }
```


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

```
.border{ border-color:rgb(205, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(205, 171,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 48.2870, 45.5239, 51.0417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 171, 183) }
```

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

```
.background{ background-color: rgb(205,  
171, 183) }
```

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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