

# Converting Colors

XYZ(52.6913, 46.2723, 52.0571)

Have a look what the booklet for  
XYZ(52.6913, 46.2723, 52.0571)  
contains.

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# Color

**XYZ(52.8246, 46.4632,  
52.0831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFA6B9
RGB	223, 166, 185
RGB Percent	87%, 65%, 73%
CMY	0.1255, 0.3490, 0.2745
CMYK	0.00, 0.26, 0.17, 0.13
HSL	340°, 47%, 76%
HSV	340°, 26%, 87%
XYZ	52.8246, 46.4632, 52.0831
YIQ	185.2090, 27.8730, 17.9930

# Conversions

## Conversions Part 2

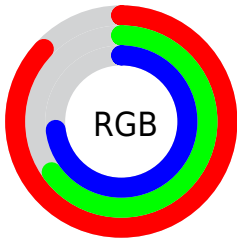
Format	Color
R <sub>Y</sub> B	223, 166, 185
Decimal	14657209
CIE Lab	73.85, 23.83, -1.51
CIE LCh	74, 23.873, 356.377
Yxy	46.4632, 0.3490, 0.3069
Android (android.graphics.Color)	4292847289 (0xFFDFA6B9)
YUV	185.2090, -0.1030, 33.1427
Hunter-Lab	68.1639, 19.0443, 2.4121

# Details

The XYZ color **52.8246, 46.4632, 52.0831** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0146, 65.2432, 66.9289**, and the grayscale version is **46.2212, 48.6283, 52.9562**.

A 20% lighter version of the original color is **82.9736, 79.3238, 94.1569**, and **26.1185, 21.9161, 24.6834** is the 20% darker color. If you saturate the color by 10%, you get **47.6286, 38.4528, 43.0082**, and if you desaturate by 10%, it is **58.8902, 55.9492, 62.2587**.

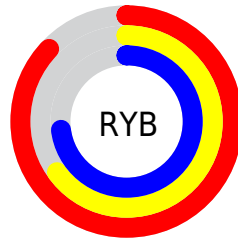
# Distribution



Red (87%)

Green (65%)

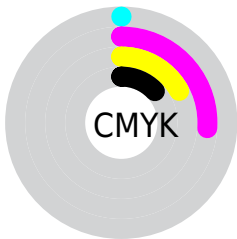
Blue (73%)



Red (87%)

Yellow (65%)

Blue (73%)

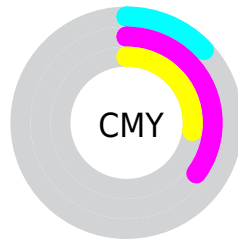


Cyan (0%)

Magenta (26%)

Yellow (17%)

Black (13%)



Cyan (13%)

Magenta (35%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8246, 46.4632, 52.0831 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 52.8246, 46.4632, 52.0831 by changing the saturation by 10% instead.





 52.8246, 46.4632,  
52.0831


 52.8246, 46.4632,  
52.0831


387.8837,  
372.6677, 411.7234

 37.8897, 32.6115,  
36.6886


 93.5133, 84.9118,  
94.6816

 26.0739, 21.8290,  
24.6726

 119.9977,  
110.2775, 122.7227

 17.0119, 13.7313,  
15.6165


151.0628,  
140.2499, 155.8165

 10.3383, 7.9340,  
9.1018

187.0737,  
175.2136, 194.3814

 5.6878, 4.0528,  
4.7099

228.3959,  
215.5528, 238.8360

 2.6951, 1.7031,  
2.0223

275.3947,

 0.9946, 0.4257,

261.6519, 289.5988

0.5690

328.4356,  
313.8955, 347.0884

■ 0.0000, 0.0000,  
0.0000

■ 52.8246, 46.4632,  
52.0831

■ 52.8246, 46.4632,  
52.0831

■ 47.6286, 38.4528,  
43.0082

■ 58.8902, 55.9492,  
62.2587

■ 43.2571, 31.8370,  
34.9927

■ 65.8599, 66.9736,  
73.5687

■ 39.6665, 26.5369,  
27.9965

■ 73.7713, 79.6035,  
86.0488

■ 36.8075, 22.4629,  
21.9759

■ 82.5926, 93.7685,  
99.7104

■ 34.6251, 19.5139,  
16.8833

■ 84.2416, 94.4281,  
108.3942

■ 33.0556, 17.5729,  
12.6665

■ 32.0216, 16.4961,  
9.2665

■ 31.6786, 16.1869,  
7.9905

# Harmonies

## Analogous

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



51.3178, 46.4632, 64.6792



52.8246, 46.4632, 52.0831



51.8904, 46.4632, 40.8940

# Triad

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



52.8246, 46.4632, 52.0831



40.6318, 46.4632, 32.3954



39.7920, 46.4632, 72.6742

# Complementary

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



52.8246, 46.4632, 52.0831



53.0146, 65.2432, 66.9289

# 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.



37.2415, 46.4632, 61.7101



52.8246, 46.4632, 52.0831



37.7041, 46.4632, 38.7124

# Square

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



52.8246, 46.4632, 52.0831



44.6800, 46.4632, 30.6532



36.5021, 46.4632, 49.1267



43.6478, 46.4632, 77.7088



# Rectangle

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



52.8246, 46.4632, 52.0831



50.0396, 46.4632, 35.4771



36.5021, 46.4632, 49.1267



38.7634, 46.4632, 69.4820

# Sweetspot

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



52.8259, 46.4653, 52.0841



86.7708, 86.8226, 95.7171



51.8590, 45.4398, 75.8500



18.2591, 18.0869, 19.9813



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.



52.8259, 46.4653, 52.0841



67.4513, 56.5694, 63.4251



52.7434, 49.2982, 42.8146



13.8947, 13.7755, 15.2157



18.6733, 9.5363, 4.9456



1.3349, 0.6772, 0.5564



# Inverse Universe

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



52.8259, 46.4653, 52.0841



67.4513, 56.5694, 63.4251



52.9670, 61.2765, 78.8484



13.8947, 13.7755, 15.2157



18.6733, 9.5363, 4.9456



1.3349, 0.6772, 0.5564



# Previews

## White Background



This preview shows how the XYZ color 52.8246, 46.4632, 52.0831 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 52.8246, 46.4632, 52.0831 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 52.8246, 46.4632, 52.0831**

## **Background**



This preview shows how black text looks on a background with the XYZ color 52.8246, 46.4632, 52.0831.



This preview shows how white text looks on a background with the XYZ color 52.8246, 46.4632,



# 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

52.8246, 46.4632, 52.0831

### Protanopia

45.5529, 46.8879, 57.6883

### Deuteranopia

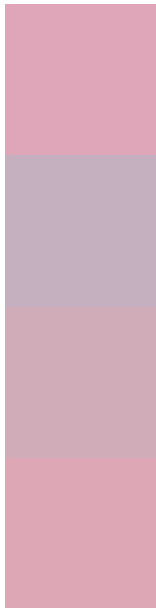
47.6258, 46.6117, 51.2866



## Tritanopia

52.1811, 46.4623, 49.3979

# Trichromacy



## Original Color

52.8246, 46.4632, 52.0831

## Protanomaly

47.9553, 46.6826, 55.7733

## Deuteranomaly

49.4167, 46.3756, 51.6943

## Tritanomaly

52.3864, 46.5444, 50.4789

# Monochromacy



## Original Color

52.8246, 46.4632, 52.0831

## Achromatopsia

46.1135, 48.5150, 52.8328

## Achromatomaly

48.2305, 47.4857, 52.5226

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.8246, 46.4632, 52.0831 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(223, 166, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 166, 185)  
}
```

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(223, 166, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 166, 185) }
```

## Border

The CSS property to change the border of an element to XYZ 52.8246, 46.4632, 52.0831 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(223, 166, 185) }
```



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

```
.border{ border-color:rgb(223, 166, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 166, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 166, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 166, 185);  
box-shadow:4px 4px 4px 4px rgb(223, 166,  
185) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.8246, 46.4632, 52.0831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 166, 185) }
```

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

```
.background{ background-color: rgb(223,  
166, 185) }
```

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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