

# Converting Colors

XYZ(52.4529, 46.9954, 44.6108)

Have a look what the booklet for  
XYZ(52.4529, 46.9954, 44.6108)  
contains.

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# Color

**XYZ(52.4047, 46.9531,  
44.8289)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1A8AB
RGB	225, 168, 171
RGB Percent	88%, 66%, 67%
CMY	0.1176, 0.3412, 0.3294
CMYK	0.00, 0.25, 0.24, 0.12
HSL	357°, 49%, 77%
HSV	357°, 25%, 88%
XYZ	52.4047, 46.9531, 44.8289
YIQ	185.3850, 33.0090, 13.0170

# Conversions

## Conversions Part 2

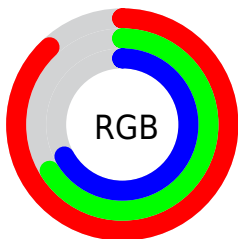
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 168, 171
Decimal	14788779
CIE Lab	74.16, 21.38, 6.66
CIE LCh	74, 22.391, 17.308
Yxy	46.9531, 0.3635, 0.3256
Android (android.graphics.Color)	4292978859 (0xFFE1A8AB)
YUV	185.3850, -7.0918, 34.7424
Hunter-Lab	68.5223, 16.5996, 9.1767

# Details

The XYZ color **52.4047, 46.9531, 44.8289** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.2605, 67.4504, 79.1647**, and the grayscale version is **46.3550, 48.7690, 53.1095**.

A 20% lighter version of the original color is **81.3551, 79.5263, 83.0137**, and **25.9374, 22.2577, 20.3819** is the 20% darker color. If you saturate the color by 10%, you get **46.7339, 38.6051, 33.7092**, and if you desaturate by 10%, it is **59.1245, 56.8739, 57.9161**.

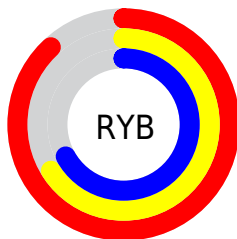
# Distribution



Red (88%)

Green (66%)

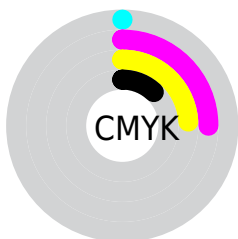
Blue (67%)



Red (88%)

Yellow (66%)

Blue (67%)

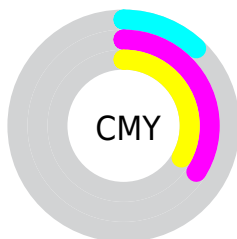


Cyan (0%)

Magenta (25%)

Yellow (24%)

Black (12%)



Cyan (12%)

Magenta (34%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4047, 46.9531, 44.8289 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 52.4047, 46.9531, 44.8289 by changing the saturation by 10% instead.





 52.4047, 46.9531,  
44.8289


 52.4047, 46.9531,  
44.8289


386.2953,  
374.6273, 382.2201

 37.5533, 32.9986,  
30.9807


 92.8985, 85.6436,  
83.7793

 25.8118, 22.1254,  
20.3258


 119.2717,  
111.1484, 109.7186

 16.8149, 13.9490,  
12.4457


150.2161,  
141.2721, 140.5254

 10.1971, 8.0852,  
6.9218

186.0972,  
176.3990, 176.6182

 5.5931, 4.1495,  
3.3355

227.2803,  
216.9136, 218.4155

 2.6376, 1.7576,  
1.2684

274.1308,

 0.9651, 0.4605,

263.2002, 266.3359

0.0357

327.0140,  
315.6433, 320.7979

■ 0.0000, 0.0000,  
0.0000

■ 52.4047, 46.9531,  
44.8289

■ 52.4047, 46.9531,  
44.8289

■ 46.7339, 38.6051,  
33.7092

■ 59.1245, 56.8739,  
57.9161

■ 42.0556, 31.7431,  
24.4592

■ 66.9384, 68.4355,  
73.0563

■ 38.3137, 26.2818,  
16.9769

■ 75.8935, 81.7098,  
90.3337

■ 35.4452, 22.1247,  
11.1498

■ 84.8615, 94.7476,  
108.4232

■ 33.3791, 19.1632,  
6.8521

■ 32.0333, 17.2708,  
3.9400

■ 31.3083, 16.2929,  
2.2426

■ 31.1168, 16.0338,  
1.7971

# Harmonies

## Analogous

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



52.5839, 46.9531, 56.1329



52.4047, 46.9531, 44.8289



50.0650, 46.9531, 36.5444

# Triad

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



52.4047, 46.9531, 44.8289



39.1944, 46.9531, 37.5597



42.9541, 46.9531, 75.8468

# Complementary

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



52.4047, 46.9531, 44.8289



56.2605, 67.4504, 79.1647

# 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.



39.5987, 46.9531, 69.1418



52.4047, 46.9531, 44.8289



37.5171, 46.9531, 46.4222

# Square

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



52.4047, 46.9531, 44.8289



42.3716, 46.9531, 32.7998



37.6606, 46.9531, 57.9823



46.9621, 46.9531, 75.2492



# Rectangle

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



52.4047, 46.9531, 44.8289



47.6700, 46.9531, 33.3305



37.6606, 46.9531, 57.9823



41.7173, 46.9531, 74.3347

# Sweetspot

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



52.4060, 46.9553, 44.8299



85.9267, 86.4850, 91.2719



57.4744, 48.8473, 77.6338



18.0481, 18.0025, 18.8703



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.



52.4060, 46.9553, 44.8299



65.7575, 56.6991, 52.0169



57.1244, 56.8439, 45.0097



13.7363, 13.7121, 14.3815



17.9439, 9.2445, 1.1042



1.2542, 0.6450, 0.1315



# Inverse Universe

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



52.4060, 46.9553, 44.8299



65.7575, 56.6991, 52.0169



50.4648, 55.2106, 79.2315



13.7363, 13.7121, 14.3815



17.9439, 9.2445, 1.1042



1.2542, 0.6450, 0.1315



# Previews

## White Background



This preview shows how the XYZ color 52.4047, 46.9531, 44.8289 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

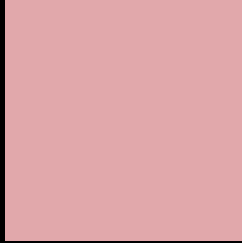
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.4047, 46.9531, 44.8289 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 52.4047, 46.9531, 44.8289**

## **Background**



This preview shows how black text looks on a background with the XYZ color 52.4047, 46.9531, 44.8289.



This preview shows how white text looks on a background with the XYZ color 52.4047, 46.9531,



# 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

52.4047, 46.9531, 44.8289

### Protanopia

45.3581, 47.2754, 49.3823

### Deuteranopia

47.8636, 46.8944, 44.0650



## Tritanopia

53.3194, 47.0609, 48.9212

# Trichromacy



## Original Color

52.4047, 46.9531, 44.8289

## Protanomaly

47.6460, 46.9964, 47.6343

## Deuteranomaly

49.3506, 46.7865, 44.4598

## Tritanomaly

53.0192, 46.9408, 47.3404

# Monochromacy



## Original Color

52.4047, 46.9531, 44.8289

## Achromatopsia

46.1135, 48.5150, 52.8328

## Achromatomaly

48.1777, 47.8148, 49.8700

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.4047, 46.9531, 44.8289 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(225, 168, 171)` looks like.

```
.text, #text, p{  
    color:rgb(225, 168, 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(225, 168, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 168, 171) }
```

## Border

The CSS property to change the border of an element to XYZ 52.4047, 46.9531, 44.8289 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(225, 168, 171) }
```



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

```
.border{ border-color:rgb(225, 168, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 168, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 168, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 168, 171); box-shadow:4px 4px 4px 4px rgb(225, 168, 171) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.4047, 46.9531, 44.8289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 168, 171) }
```

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

```
.background{ background-color: rgb(225,  
168, 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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