

# Converting Colors

XYZ(57.0021, 50.6173, 47.4979)

Have a look what the booklet for  
XYZ(57.0021, 50.6173, 47.4979)  
contains.

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# Color

**XYZ(56.9424, 50.6445,  
47.3316)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EBADAF
RGB	235, 173, 175
RGB Percent	92%, 68%, 69%
CMY	0.0784, 0.3215, 0.3137
CMYK	0.00, 0.26, 0.26, 0.08
HSL	358°, 61%, 80%
HSV	358°, 26%, 92%
XYZ	56.9424, 50.6445, 47.3316
YIQ	191.7660, 36.3100, 13.7660

# Conversions

## Conversions Part 2

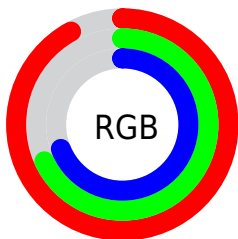
Format	Color
R <sub>Y</sub> B	235, 173, 175
Decimal	15445423
CIE Lab	76.46, 22.96, 7.91
CIE LCh	76, 24.283, 19.021
Yxy	50.6445, 0.3676, 0.3269
Android (android.graphics.Color)	4293635503 (0xFFEBADAF)
YUV	191.7660, -8.2656, 37.9162
Hunter-Lab	71.1649, 18.2875, 10.3819

# Details

The XYZ color **56.9424, 50.6445, 47.3316** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.6521, 74.1853, 88.1644**, and the grayscale version is **49.9995, 52.6034, 57.2851**.

A 20% lighter version of the original color is **83.5422, 83.0118, 86.4826**, and **28.6517, 24.3280, 21.9246** is the 20% darker color. If you saturate the color by 10%, you get **50.7774, 41.5930, 35.1685**, and if you desaturate by 10%, it is **64.2790, 61.4362, 61.7425**.

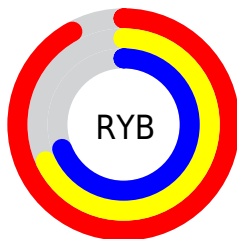
# Distribution



Red (92%)

Green (68%)

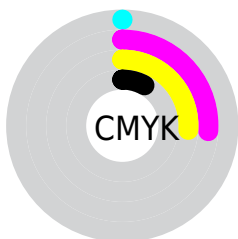
Blue (69%)



Red (92%)

Yellow (68%)

Blue (69%)

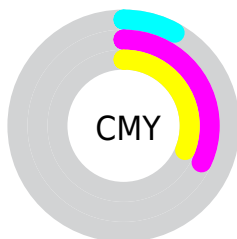


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (8%)



Cyan (8%)

Magenta (32%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9424, 50.6445, 47.3316 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 56.9424, 50.6445, 47.3316 by changing the saturation by 10% instead.





 56.9424, 50.6445,  
47.3316

 56.9424, 50.6445,  
47.3316


403.2511,  
389.1810, 392.5686

 41.1990, 35.9258,  
32.9417

 99.5130, 91.1291,  
87.5635

 28.6629, 24.3769,  
21.8110


127.0708,  
117.6637, 114.2426

 18.9690, 15.6134,  
13.5211


159.2975,  
148.9057, 145.8552

 11.7517, 9.2510,  
7.6534

196.5584,  
185.2396, 182.8197

 6.6459, 4.9053,  
3.7894

239.2189,  
227.0496, 225.5548

 3.2860, 2.1918,  
1.5105

287.6442,

 1.3067, 0.7155,

274.7203, 274.4789

0.2258

342.1999,  
328.6360, 330.0107

■ 0.1883, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 56.9424, 50.6445,  
47.3316

■ 56.9424, 50.6445,  
47.3316

■ 50.7774, 41.5930,  
35.1685

■ 64.2790, 61.4362,  
61.7425

■ 45.7194, 34.1841,  
25.1369

■ 72.8390, 74.0451,  
78.5031

■ 41.7041, 28.3214,  
17.1151

■ 82.6761, 88.5519,  
97.7128

■ 38.6587, 23.8955,  
10.9677

■ 88.0711, 96.4022,  
108.5734

■ 36.5014, 20.7829,  
6.5426

■ 35.1364, 18.8390,  
3.6640

■ 34.4454, 17.8837,  
2.1186

■ 34.3025, 17.6788,  
1.8216

# Harmonies

## Analogous

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



57.3004, 50.6445, 60.0825



56.9424, 50.6445, 47.3316



54.1395, 50.6445, 38.2236

# Triad

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



56.9424, 50.6445, 47.3316



41.7945, 50.6445, 40.2146



46.4799, 50.6445, 83.7634

# Complementary

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



56.9424, 50.6445, 47.3316



61.6521, 74.1853, 88.1644

# 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.



42.5937, 50.6445, 76.4381



56.9424, 50.6445, 47.3316



40.0050, 50.6445, 50.4824

# Square

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



56.9424, 50.6445, 47.3316



45.3250, 50.6445, 34.5869



40.2880, 50.6445, 63.7703



51.0610, 50.6445, 82.5605



# Rectangle

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



56.9424, 50.6445, 47.3316



51.3553, 50.6445, 34.8030



40.2880, 50.6445, 63.7703



45.0543, 50.6445, 82.1758

# Sweetspot

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



56.9438, 50.6469, 47.3326



85.8664, 86.4609, 90.9547



63.5229, 53.2001, 85.5182



18.0331, 17.9965, 18.7913



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.



56.9438, 50.6469, 47.3326



64.0995, 54.4364, 48.2168



62.9102, 62.8910, 48.3617



15.0851, 15.0619, 15.7335



19.0997, 9.8426, 1.0605



1.5067, 0.7757, 0.1198



# Inverse Universe

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



56.9438, 50.6469, 47.3326



64.0995, 54.4364, 48.2168



54.3184, 59.0593, 87.1342



15.0851, 15.0619, 15.7335



19.0997, 9.8426, 1.0605

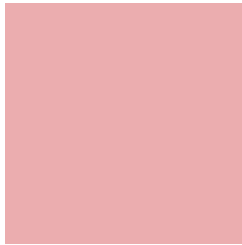


1.5067, 0.7757, 0.1198



# Previews

## White Background



This preview shows how the XYZ color 56.9424, 50.6445, 47.3316 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

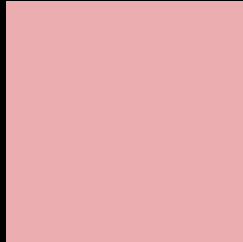
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 56.9424, 50.6445, 47.3316 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 56.9424, 50.6445, 47.3316**

## **Background**



This preview shows how black text looks on a background with the XYZ color 56.9424, 50.6445, 47.3316.



This preview shows how white text looks on a background with the XYZ color 56.9424, 50.6445,



# 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

56.9424, 50.6445, 47.3316

### Protanopia

48.7786, 50.8547, 52.0448

### Deuteranopia

51.7113, 50.6192, 46.5802



## Tritanopia

57.9119, 50.4615, 52.5867

# Trichromacy



## Original Color

56.9424, 50.6445, 47.3316

## Protanomaly

51.4662, 50.7176, 50.2569

## Deuteranomaly

53.5789, 50.6683, 47.0005

## Tritanomaly

57.6851, 50.6741, 50.4568

# Monochromacy



## Original Color

56.9424, 50.6445, 47.3316

## Achromatopsia

50.1023, 52.7115, 57.4028

## Achromatomaly

52.2243, 51.6530, 53.6719

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 56.9424, 50.6445, 47.3316 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(235, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(235, 173, 175)  
}
```

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(235, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 173, 175) }
```

## Border

The CSS property to change the border of an element to XYZ 56.9424, 50.6445, 47.3316 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(235, 173, 175) }
```



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

```
.border{ border-color:rgb(235, 173, 175) }
```

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

Here you see how a box with a 4 pixel rgb(235, 173, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(235, 173,  
175) }
```

# Background

The CSS property to change the background color of an element to XYZ 56.9424, 50.6445, 47.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 173, 175) }
```

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

```
.background{ background-color: rgb(235,  
173, 175) }
```

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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