

# Converting Colors

XYZ(43.8834, 42.4980, 52.6530)

Have a look what the booklet for  
XYZ(43.8834, 42.4980, 52.6530)  
contains.

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# Color

**XYZ(43.9585, 42.4119,  
52.8832)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDA8BB
RGB	189, 168, 187
RGB Percent	74%, 66%, 73%
CMY	0.2588, 0.3412, 0.2667
CMYK	0.00, 0.11, 0.01, 0.26
HSL	306°, 14%, 70%
HSV	306°, 11%, 74%
XYZ	43.9585, 42.4119, 52.8832
YIQ	176.4450, 6.4170, 10.3610

# Conversions

## Conversions Part 2

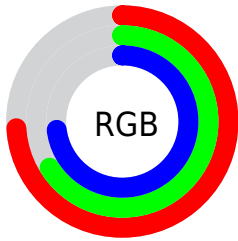
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 168, 187
Decimal	12429499
CIELab	71.15, 11.00, -6.95
CIELCh	71, 13.013, 327.742
Yxy	42.4119, 0.3157, 0.3046
Android (android.graphics.Color)	4290619579 (0xFFBDA8BB)
YUV	176.4450, 5.2036, 11.0107
Hunter-Lab	65.1244, 6.5184, -2.5584

# Details

The XYZ color **43.9585, 42.4119, 52.8832** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.6033, 47.6234, 45.0318**, and the grayscale version is **41.4714, 43.6312, 47.5144**.

A 20% lighter version of the original color is **80.2215, 78.6589, 95.7486**, and **20.7018, 19.4463, 25.2167** is the 20% darker color. If you saturate the color by 10%, you get **40.5287, 35.8581, 50.7955**, and if you desaturate by 10%, it is **47.9004, 49.9846, 55.1545**.

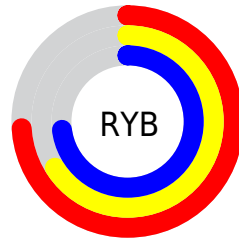
# Distribution



Red (74%)

Green (66%)

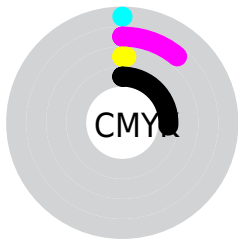
Blue (73%)



Red (74%)

Yellow (66%)

Blue (73%)

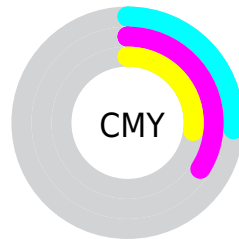


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (34%)


Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9585, 42.4119, 52.8832 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 43.9585, 42.4119, 52.8832 by changing the saturation by 10% instead.





 43.9585, 42.4119,  
52.8832


 43.9585, 42.4119,  
52.8832


353.3940,  
356.1876, 414.8904

 30.8357, 29.4240,  
37.3225

 80.4020, 78.8226,  
95.8723

 20.6249, 19.4018,  
25.1595


 104.4534,  
103.0142, 124.1377

 12.9610, 11.9609,  
15.9758


132.8784,  
131.7091, 157.4751

 7.4785, 6.7171,  
9.3529

166.0422,  
165.2918, 196.3030

 3.8121, 3.2858,  
4.8721

204.3104,  
204.1466, 241.0399

 1.5964, 1.2827,  
2.1150

248.0481,

 0.3901, 0.1278,

248.6579, 292.1044

0.6247

297.6209,  
299.2101, 349.9151

■ 0.0000, 0.0000,  
0.0000

■ 43.9585, 42.4119,  
52.8832

■ 43.9585, 42.4119,  
52.8832

■ 40.5287, 35.8581,  
50.7955

■ 47.9004, 49.9846,  
55.1545

■ 37.5854, 30.2742,  
48.8813

■ 52.3710, 58.6116,  
57.6136

■ 35.1065, 25.6152,  
47.1338

■ 57.3910, 68.3335,  
60.2677

■ 33.0667, 21.8306,  
45.5444

■ 62.9787, 79.1869,  
63.1232

■ 31.4382, 18.8649,  
44.1039

■ 66.7106, 86.3246,  
65.3721

■ 30.1903, 16.6563,  
42.8019

■ 66.9168, 86.4071,  
66.4580

■ 29.2875, 15.1345,  
41.6267

■ 67.1255, 86.4905,  
67.5568

■ 28.6881, 14.2154,  
40.5642

■ 67.3366, 86.5750,  
68.6687

■ 28.3371, 13.7592,  
39.6899

■ 67.5502, 86.6604,  
69.7936

# Harmonies

## Analogous

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



42.2928, 42.4119, 57.6321



43.9585, 42.4119, 52.8832



44.6436, 42.4119, 46.6537

# Triad

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



43.9585, 42.4119, 52.8832



40.4765, 42.4119, 35.1989



36.7162, 42.4119, 51.9920

# Complementary

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



43.9585, 42.4119, 52.8832



41.6033, 47.6234, 45.0318

# 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.



36.2686, 42.4119, 45.7082



43.9585, 42.4119, 52.8832



38.3926, 42.4119, 36.3542

# Square

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



43.9585, 42.4119, 52.8832



42.5887, 42.4119, 36.7588



36.8715, 42.4119, 40.0674



38.1165, 42.4119, 57.0858



# Rectangle

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



43.9585, 42.4119, 52.8832



44.4341, 42.4119, 42.6191



36.8715, 42.4119, 40.0674



36.4516, 42.4119, 49.9325

# Sweetspot

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



43.9597, 42.4137, 52.8841



84.3472, 86.7471, 97.9663



39.7133, 40.1997, 53.8109



18.0117, 18.4107, 20.9951



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.9597, 42.4137, 52.8841



77.3670, 73.3499, 93.9027



42.9012, 41.9903, 47.3098



9.8897, 9.6802, 11.8083



19.0813, 9.2637, 26.7854



0.7590, 0.3675, 1.1099



# Inverse Universe

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



43.9597, 42.4137, 52.8841



77.3670, 73.3499, 93.9027



42.6112, 48.0266, 50.3392



9.8897, 9.6802, 11.8083



19.0813, 9.2637, 26.7854



0.7590, 0.3675, 1.1099



# Previews

## White Background



This preview shows how the XYZ color 43.9585, 42.4119, 52.8832 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

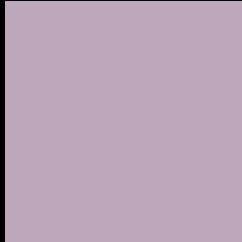
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.9585, 42.4119, 52.8832 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

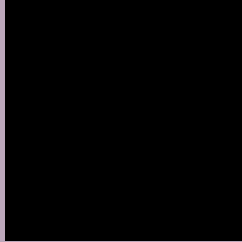
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 43.9585, 42.4119, 52.8832**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.9585, 42.4119, 52.8832.



This preview shows how white text looks on a background with the XYZ color 43.9585, 42.4119,

52.8832.

# 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

43.9585, 42.4119, 52.8832

### Protanopia

41.4714, 42.4891, 54.7306

### Deuteranopia

43.4073, 42.4029, 52.9105



## Tritanopia

43.3705, 42.4447, 50.1627

# Trichromacy



## Original Color

43.9585, 42.4119, 52.8832

## Protanomaly

42.3386, 42.3836, 54.0935

## Deuteranomaly

43.6511, 42.5286, 52.9219

## Tritanomaly

43.5787, 42.5280, 51.2593

# Monochromacy



## Original Color

43.9585, 42.4119, 52.8832

## Achromatopsia

41.2663, 43.4154, 47.2793

## Achromatomaly

42.2378, 43.0062, 49.2549

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.9585, 42.4119, 52.8832 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(189, 168, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 187)  
}
```

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(189, 168, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 187) }
```

## Border

The CSS property to change the border of an element to XYZ 43.9585, 42.4119, 52.8832 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(189, 168, 187) }
```



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

```
.border{ border-color:rgb(189, 168, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
187) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.9585, 42.4119, 52.8832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 187) }
```

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

```
.background{ background-color: rgb(189,  
168, 187) }
```

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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