

# Converting Colors

XYZ(59.4440, 52.3925, 41.6071)

Have a look what the booklet for  
XYZ(59.4440, 52.3925, 41.6071)  
contains.

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# Color

**XYZ(59.4031, 52.3289,  
41.6199)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5AEA3
RGB	245, 174, 163
RGB Percent	96%, 68%, 64%
CMY	0.0392, 0.3176, 0.3608
CMYK	0.00, 0.29, 0.33, 0.04
HSL	8°, 80%, 80%
HSV	8°, 33%, 96%
XYZ	59.4031, 52.3289, 41.6199
YIQ	193.9750, 45.8470, 11.6310

# Conversions

## Conversions Part 2

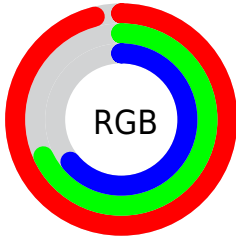
Format	Color
R <sub>Y</sub> B	245, 176, 163
Decimal	16101027
CIE Lab	77.48, 24.57, 16.02
CIE LCh	77, 29.333, 33.102
Yxy	52.3289, 0.3874, 0.3412
Android (android.graphics.Color)	4294291107 (0xFFF5AEA3)
YUV	193.9750, -15.2707, 44.7489
Hunter-Lab	72.3387, 19.9879, 16.5247

# Details

The XYZ color **59.4031, 52.3289, 41.6199** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.0074, 73.2222, 97.3042**, and the grayscale version is **51.3331, 54.0064, 58.8129**.

A 20% lighter version of the original color is **82.1917, 82.9156, 78.0020**, and **30.2001, 25.3872, 18.3474** is the 20% darker color. If you saturate the color by 10%, you get **53.6377, 43.9772, 29.8969**, and if you desaturate by 10%, it is **66.2437, 62.1499, 55.8003**.

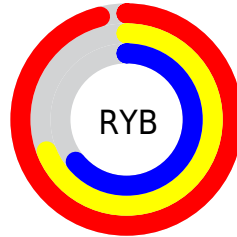
# Distribution



Red (96%)

Green (68%)

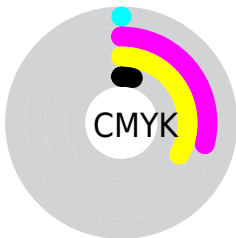
Blue (64%)



Red (96%)

Yellow (69%)

Blue (64%)

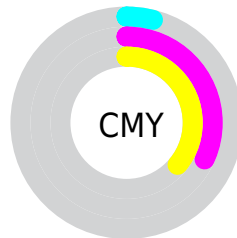


Cyan (0%)

Magenta (29%)

Yellow (33%)

Black (4%)



Cyan (4%)

Magenta (32%)


Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4031, 52.3289, 41.6199 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 59.4031, 52.3289, 41.6199 by changing the saturation by 10% instead.



 59.4031, 52.3289,  
41.6199


 59.4031, 52.3289,  
41.6199


412.2642,  
395.7050, 368.6579

 43.1853, 37.2673,  
28.4804


 103.0746, 93.6161,  
78.8879

 30.2257, 25.4145,  
18.4459


 131.2590,  
120.6105, 103.8535

 20.1589, 16.3862,  
11.0979

164.1630,  
152.3513, 133.5983

 12.6195, 9.7978,  
6.0177

202.1519,  
189.2229, 168.5407

 7.2423, 5.2651,  
2.7869

245.5912,  
231.6097, 209.0993

 3.6617, 2.4036,  
0.9869

294.8460,

 1.5126, 0.8278,

279.8960, 255.6927

0.0000

350.2819,  
334.4663, 308.7394

0.3344, 0.0000,  
0.0000

0.0000, 0.0000,  
0.0000

59.4031, 52.3289,  
41.6199

59.4031, 52.3289,  
41.6199

53.6377, 43.9772,  
29.8969

66.2437, 62.1499,  
55.8003

48.8883, 37.0169,  
20.4882

74.2063, 73.4984,  
72.5637

45.0965, 31.3742,  
13.2409

83.3399, 86.4386,  
92.0311

42.1960, 26.9653,  
7.9821

91.4663, 98.1525,  
108.7323

■ 40.1117, 23.6969,  
4.5123

■ 38.7557, 21.4618,  
2.5901

■ 38.1968, 20.4936,  
1.9425

# Harmonies

## Analogous

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



61.3916, 52.3289, 55.3104



59.4031, 52.3289, 41.6199



54.8151, 52.3289, 33.4924

# Triad

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



59.4031, 52.3289, 41.6199



40.6648, 52.3289, 44.0298



50.3272, 52.3289, 94.0297

# Complementary

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



59.4031, 52.3289, 41.6199



61.0074, 73.2222, 97.3042

# 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.



44.9827, 52.3289, 89.4688



59.4031, 52.3289, 41.6199



39.6595, 52.3289, 58.6773

# Square

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



59.4031, 52.3289, 41.6199



44.0373, 52.3289, 34.6876



41.1809, 52.3289, 75.7122



55.9085, 52.3289, 87.2138



# Rectangle

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



59.4031, 52.3289, 41.6199



51.0532, 52.3289, 31.3366



41.1809, 52.3289, 75.7122



48.4437, 52.3289, 93.7790

# Sweetspot

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



59.4045, 52.3314, 41.6209



84.5697, 85.1790, 86.4792



65.6146, 51.5517, 84.3846



17.8088, 17.8167, 17.8880



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.



59.4045, 52.3314, 41.6209



60.7516, 51.0836, 36.7952



68.5508, 70.6241, 44.6697



16.6784, 16.8410, 17.1691



20.6334, 11.1524, 1.0651



1.8684, 1.0900, 0.1119



# Inverse Universe

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



61.0074, 73.2222, 97.3042



62.7342, 77.0870, 106.1806



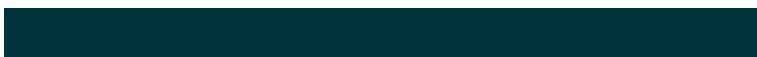
50.6709, 52.5490, 93.8587



16.7959, 18.3562, 21.2004



21.6530, 29.0998, 51.0136



1.9545, 2.6605, 4.5008



# Previews

## White Background



This preview shows how the XYZ color 59.4031, 52.3289, 41.6199 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

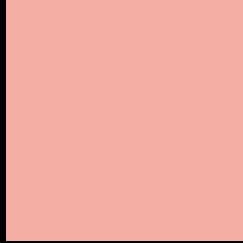
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.4031, 52.3289, 41.6199 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 59.4031, 52.3289, 41.6199**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.4031, 52.3289, 41.6199.



This preview shows how white text looks on a background with the XYZ color 59.4031, 52.3289,

41.6199.

# 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

59.4031, 52.3289, 41.6199

### Protanopia

49.8966, 52.5195, 46.5372

### Deuteranopia

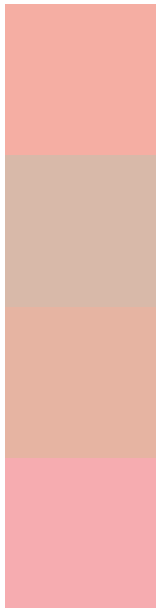
53.3923, 52.2263, 40.9848



## Tritanopia

61.5724, 52.3607, 52.2088

# Trichromacy



## Original Color

59.4031, 52.3289, 41.6199

## Protanomaly

52.8293, 52.1614, 44.8199

## Deuteranomaly

55.4760, 52.0741, 41.3098

## Tritanomaly

60.5950, 52.2325, 47.9625

# Monochromacy



## Original Color

59.4031, 52.3289, 41.6199

## Achromatopsia

51.2775, 53.9479, 58.7493

## Achromatomaly

53.7581, 53.1057, 52.2168

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.4031, 52.3289, 41.6199 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(245, 174, 163)` looks like.

```
.text, #text, p{  
    color:rgb(245, 174, 163)  
}
```

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(245, 174, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 174, 163) }
```

## Border

The CSS property to change the border of an element to XYZ 59.4031, 52.3289, 41.6199 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(245, 174, 163) }
```



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

```
.border{ border-color:rgb(245, 174, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 174, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 174, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 174, 163);  
box-shadow:4px 4px 4px 4px rgb(245, 174,  
163) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.4031, 52.3289, 41.6199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 174, 163) }
```

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

```
.background{ background-color: rgb(245,  
174, 163) }
```

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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