

# Converting Colors

XYZ(61.5962, 54.7461, 39.0375)

Have a look what the booklet for  
XYZ(61.5962, 54.7461, 39.0375)  
contains.

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# Color

**XYZ(61.4305, 54.5991,  
39.1992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAB29D
RGB	250, 178, 157
RGB Percent	98%, 70%, 62%
CMY	0.0196, 0.3019, 0.3843
CMYK	0.00, 0.29, 0.37, 0.02
HSL	14°, 90%, 80%
HSV	14°, 37%, 98%
XYZ	61.4305, 54.5991, 39.1992
YIQ	197.1340, 49.6530, 8.7330

# Conversions

## Conversions Part 2

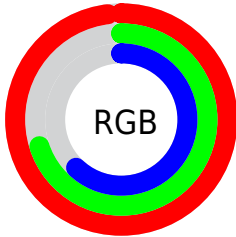
Format	Color
R <sub>Y</sub> B	250, 184, 157
Decimal	16429725
CIE Lab	78.81, 23.64, 21.19
CIE LCh	79, 31.743, 41.872
Yxy	54.5991, 0.3957, 0.3517
Android (android.graphics.Color)	4294619805 (0xFF FAB29D)
YUV	197.1340, -19.7861, 46.3635
Hunter-Lab	73.8912, 19.0889, 20.2706

# Details

The XYZ color **61.4305, 54.5991, 39.1992** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.1781, 70.1061, 100.8552**, and the grayscale version is **53.2479, 56.0209, 61.0067**.

A 20% lighter version of the original color is **82.5465, 84.8591, 74.3161**, and **31.6734, 26.9143, 17.1613** is the 20% darker color. If you saturate the color by 10%, you get **55.9278, 46.6671, 27.8902**, and if you desaturate by 10%, it is **67.9160, 63.7976, 52.9913**.

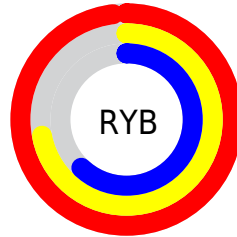
# Distribution



Red (98%)

Green (70%)

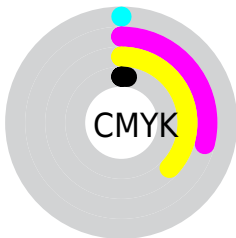
Blue (62%)



Red (98%)

Yellow (72%)

Blue (62%)

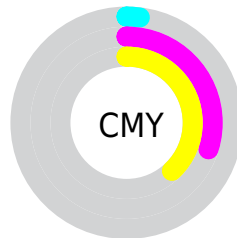


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (30%)


Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4305, 54.5991, 39.1992 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 61.4305, 54.5991, 39.1992 by changing the saturation by 10% instead.





 61.4305, 54.5991,  
39.1992

 61.4305, 54.5991,  
39.1992


419.6014,  
404.3905, 358.1879

 44.8265, 39.0808,  
26.6057


 105.9966, 96.9533,  
75.1662

 31.5215, 26.8226,  
17.0475


 134.6895,  
124.5581, 99.3768

 21.1501, 17.4400,  
10.1060

168.1427,  
156.9605, 128.2969

 13.3468, 10.5487,  
5.3628

206.7216,  
194.5448, 162.3449

 7.7464, 5.7643,  
2.3992

250.7916,  
237.6957, 201.9395

 3.9836, 2.7023,  
0.7860

300.7180,

 1.6928, 0.9784,

286.7973, 247.4992

0.0000

356.8661,  
342.2341, 299.4425

■ 0.4518, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.4305, 54.5991,  
39.1992

■ 61.4305, 54.5991,  
39.1992

■ 55.9278, 46.6671,  
27.8902

■ 67.9160, 63.7976,  
52.9913

■ 51.3543, 39.9377,  
18.9124

■ 75.4259, 74.3070,  
69.3997

■ 47.6574, 34.3533,  
12.1019

■ 84.0046, 86.1795,  
88.5517

■ 44.7771, 29.8479,  
7.2723

■ 93.2343, 99.0640,  
108.8150

■ 42.6453, 26.3488,  
4.2048

■ 41.1791, 23.7722,  
2.6192

■ 40.8612, 23.1977,  
2.3240

# Harmonies

## Analogous

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



64.6514, 54.5991, 52.6048



61.4305, 54.5991, 39.1992



55.7490, 54.5991, 32.2355

# Triad

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



61.4305, 54.5991, 39.1992



41.2296, 54.5991, 49.3115



54.4227, 54.5991, 100.1903

# Complementary

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



61.4305, 54.5991, 39.1992



59.1781, 70.1061, 100.8552

# 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.



48.2225, 54.5991, 98.8115



61.4305, 54.5991, 39.1992



40.9373, 54.5991, 66.8628

# Square

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



61.4305, 54.5991, 39.1992



44.2343, 54.5991, 37.2094



43.4008, 54.5991, 85.6917



60.3923, 54.5991, 89.1471



# Rectangle

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



61.4305, 54.5991, 39.1992



51.5007, 54.5991, 31.1180



43.4008, 54.5991, 85.6917



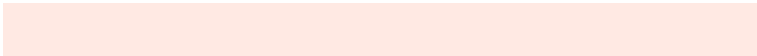
52.2909, 54.5991, 101.2168

# Sweetspot

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



61.4319, 54.6017, 39.2003



84.3180, 85.2429, 84.6464



65.7434, 50.1431, 80.9662



17.7852, 17.8826, 17.5316



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.



61.4319, 54.6017, 39.2003



59.6589, 50.4944, 31.5097



72.0720, 75.8819, 42.7470



17.5626, 17.8610, 17.9843



21.7621, 12.4808, 1.2620

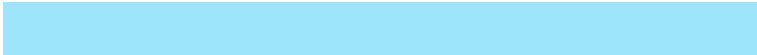


2.0915, 1.3078, 0.1422

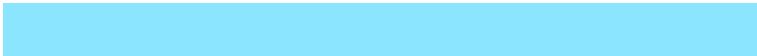


# Inverse Universe

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



59.1781, 70.1061, 100.8552



56.9494, 68.9012, 104.9054



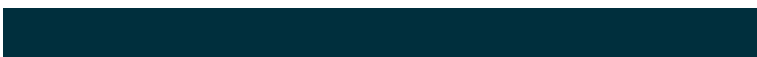
48.1662, 48.0823, 97.1846



17.4139, 18.9045, 22.1164



19.4439, 24.2433, 51.6282



1.8794, 2.4024, 4.8078



# Previews

## White Background



This preview shows how the XYZ color 61.4305, 54.5991, 39.1992 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

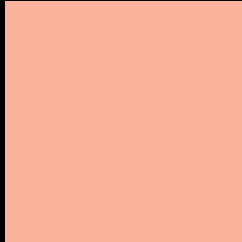
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.4305, 54.5991, 39.1992 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

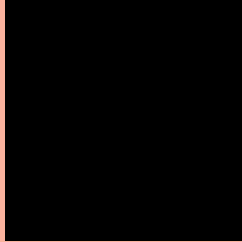
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.4305, 54.5991, 39.1992

## Background



This preview shows how black text looks on a background with the XYZ color 61.4305, 54.5991, 39.1992.



This preview shows how white text looks on a background with the XYZ color 61.4305, 54.5991,



# 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

61.4305, 54.5991, 39.1992

### Protanopia

51.7602, 54.8686, 43.4600

### Deuteranopia

55.8945, 54.8270, 38.6471



## Tritanopia

64.6137, 54.7426, 54.1746

# Trichromacy



## Original Color

61.4305, 54.5991, 39.1992

## Protanomaly

54.8434, 54.5334, 41.8179

## Deuteranomaly

57.7333, 54.5141, 38.9319

## Tritanomaly

63.3113, 54.4900, 48.2550

# Monochromacy



## Original Color

61.4305, 54.5991, 39.1992

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

55.1759, 54.8032, 51.9260

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.4305, 54.5991, 39.1992 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(250, 178, 157)` looks like.

```
.text, #text, p{  
    color:rgb(250, 178, 157)  
}
```

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(250, 178, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 178, 157) }
```

## Border

The CSS property to change the border of an element to XYZ 61.4305, 54.5991, 39.1992 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(250, 178, 157) }
```



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

```
.border{ border-color:rgb(250, 178, 157) }
```

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

Here you see how a box with a 4 pixel rgb(250, 178, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 178, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 178, 157);  
box-shadow:4px 4px 4px 4px rgb(250, 178,  
157) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.4305, 54.5991, 39.1992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 178, 157) }
```

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

```
.background{ background-color: rgb(250,  
178, 157) }
```

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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