

# Converting Colors

XYZ(61.9869, 52.8654, 39.3299)

Have a look what the booklet for  
XYZ(61.9869, 52.8654, 39.3299)  
contains.

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# Color

**XYZ(61.9745, 52.8544,  
39.2833)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAB9E
RGB	255, 171, 158
RGB Percent	100%, 67%, 62%
CMY	0.0000, 0.3294, 0.3804
CMYK	0.00, 0.33, 0.38, 0.00
HSL	8°, 100%, 81%
HSV	8°, 38%, 100%
XYZ	61.9745, 52.8544, 39.2833
YIQ	194.6340, 54.2370, 13.7650

# Conversions

## Conversions Part 2

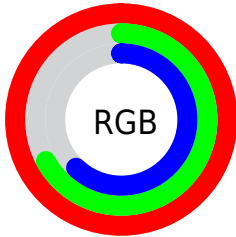
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 173, 158
Decimal	16755614
CIE <sub>Lab</sub>	77.79, 29.31, 19.33
CIE <sub>LCh</sub>	78, 35.108, 33.400
Yxy	52.8544, 0.4021, 0.3430
Android (android.graphics.Color)	4294945694 (0xFFFFAB9E)
YUV	194.6340, -18.0606, 52.9410
Hunter-Lab	72.7010, 24.9368, 18.8539

# Details

The XYZ color **61.9745, 52.8544, 39.2833** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9015, 77.9905, 106.2935**, and the grayscale version is **51.7366, 54.4309, 59.2753**.

A 20% lighter version of the original color is **80.7193, 81.0023, 74.3314**, and **31.8972, 25.7542, 17.1998** is the 20% darker color. If you saturate the color by 10%, you get **56.1749, 44.4110, 27.6216**, and if you desaturate by 10%, it is **68.9289, 62.8785, 53.5777**.

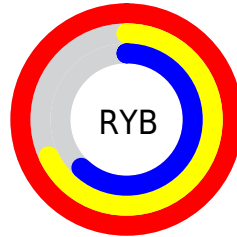
# Distribution



Red (100%)

Green (67%)

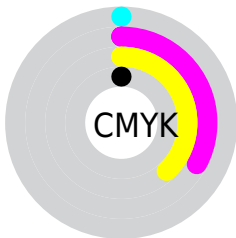
Blue (62%)



Red (100%)

Yellow (68%)

Blue (62%)

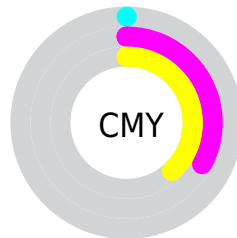


Cyan (0%)

Magenta (33%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9745, 52.8544, 39.2833 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 61.9745, 52.8544, 39.2833 by changing the saturation by 10% instead.




 61.9745, 52.8544,  
39.2833

 61.9745, 52.8544,  
39.2833


421.5571,  
397.7263, 358.5553

 45.2676, 37.6865,  
26.6707


 106.7788, 94.3901,  
75.2960

 31.8704, 25.7395,  
17.0958


 135.6070,  
121.5267, 99.5332

 21.4176, 16.6289,  
10.1401


169.2063,  
153.4217, 128.4822

 13.5438, 9.9702,  
5.3851

207.9420,  
190.4595, 162.5618

 7.8836, 5.3792,  
2.4123

252.1796,  
233.0244, 202.1903

 4.0718, 2.4714,  
0.7931

302.2845,

 1.7428, 0.8623,

281.5010, 247.7864

0.0000

358.6218,  
336.2734, 299.7685

■ 0.4828, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.9745, 52.8544,  
39.2833

■ 61.9745, 52.8544,  
39.2833

■ 56.1749, 44.4110,  
27.6216

■ 68.9289, 62.8785,  
53.5777

■ 51.4632, 37.4601,  
18.4284

■ 77.0922, 74.5504,  
70.6490

■ 47.7716, 31.9166,  
11.5262

■ 86.5200, 87.9425,  
90.6346

■ 45.0228, 27.6835,  
6.7121

95.0500, 100.0000,  
108.9000

■ 43.1283, 24.6514,  
3.7472

■ 41.9773, 22.6907,  
2.3109

■ 41.8174, 22.4149,  
2.1225

# Harmonies

## Analogous

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



64.4670, 52.8544, 55.3550



61.9745, 52.8544, 39.2833



56.3277, 52.8544, 30.1188

# Triad

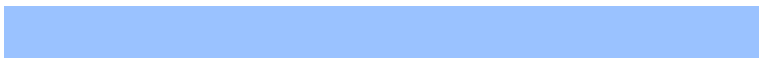
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.9745, 52.8544, 39.2833



39.4189, 52.8544, 42.3446



51.0167, 52.8544, 103.6623

# Complementary

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



61.9745, 52.8544, 39.2833



63.9015, 77.9905, 106.2935

# 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.



44.6011, 52.8544, 97.9930



61.9745, 52.8544, 39.2833



38.2713, 52.8544, 59.8012

# Square

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



61.9745, 52.8544, 39.2833



43.3707, 52.8544, 31.5857



40.0829, 52.8544, 80.7477



57.7912, 52.8544, 94.8572



# Rectangle

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



61.9745, 52.8544, 39.2833



51.7559, 52.8544, 27.7675



40.0829, 52.8544, 80.7477



48.7472, 52.8544, 103.3924

# Sweetspot

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



61.9758, 52.8569, 39.2843



83.5933, 83.7934, 84.4048



69.5042, 52.1290, 90.4557



17.6137, 17.5397, 17.4744



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.



61.9758, 52.8569, 39.2843



57.2670, 46.0088, 29.7933



72.8565, 74.6184, 42.9112



18.2057, 18.3795, 18.7324



21.9103, 11.8318, 1.1290



2.1909, 1.2672, 0.1291



# Inverse Universe

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



63.9015, 77.9905, 106.2935



59.4282, 74.4907, 105.8537



51.3465, 52.8806, 102.1085



18.3349, 20.0415, 23.1520



22.9966, 30.9028, 54.1874



2.2942, 3.1190, 5.2944



# Previews

## White Background



This preview shows how the XYZ color 61.9745, 52.8544, 39.2833 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

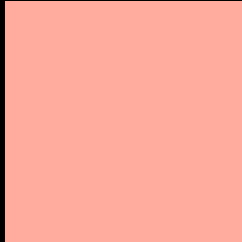
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.9745, 52.8544, 39.2833 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 61.9745, 52.8544, 39.2833**

## **Background**



This preview shows how black text looks on a background with the XYZ color 61.9745, 52.8544, 39.2833.



This preview shows how white text looks on a background with the XYZ color 61.9745, 52.8544,

39.2833.

# 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

61.9745, 52.8544, 39.2833

### Protanopia

50.2746, 53.0830, 44.6421

### Deuteranopia

54.0058, 52.9118, 38.3769



## Tritanopia

63.7685, 52.9721, 50.5797

# Trichromacy



## Original Color

61.9745, 52.8544, 39.2833

## Protanomaly

53.6601, 52.3335, 42.3951

## Deuteranomaly

56.5830, 52.7050, 38.6433

## Tritanomaly

63.1576, 53.0266, 46.4416

# Monochromacy



## Original Color

61.9745, 52.8544, 39.2833

## Achromatopsia

51.8711, 54.5724, 59.4294

## Achromatomaly

54.6177, 53.2469, 51.6550

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.9745, 52.8544, 39.2833 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(255, 171, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 158)  
}
```

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(255, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 158) }
```

## Border

The CSS property to change the border of an element to XYZ 61.9745, 52.8544, 39.2833 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(255, 171, 158) }
```



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

```
.border{ border-color:rgb(255, 171, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
158) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.9745, 52.8544, 39.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 158) }
```

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

```
.background{ background-color: rgb(255,  
171, 158) }
```

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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