

# Converting Colors

XYZ(60.8760, 49.4084, 42.7675)

Have a look what the booklet for  
XYZ(60.8760, 49.4084, 42.7675)  
contains.

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# Color

**XYZ(60.9599, 49.5398,  
42.9084)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA1A7
RGB	255, 161, 167
RGB Percent	100%, 63%, 65%
CMY	0.0000, 0.3686, 0.3451
CMYK	0.00, 0.37, 0.35, 0.00
HSL	356°, 100%, 82%
HSV	356°, 37%, 100%
XYZ	60.9599, 49.5398, 42.9084
YIQ	189.7900, 54.0980, 21.7940

# Conversions

## Conversions Part 2

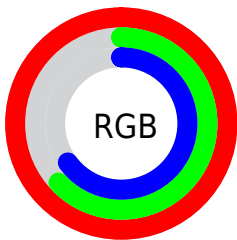
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 161, 167
Decimal	16753063
CIE Lab	75.79, 35.56, 11.62
CIE LCh	76, 37.415, 18.096
Yxy	49.5398, 0.3974, 0.3229
Android (android.graphics.Color)	4294943143 (0xFFFFA1A7)
YUV	189.7900, -11.2355, 57.1892
Hunter-Lab	70.3845, 31.4256, 13.1243

# Details

The XYZ color **60.9599, 49.5398, 42.9084** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **67.5591, 85.9377, 102.6541**, and the grayscale version is **48.8648, 51.4096, 55.9850**.

A 20% lighter version of the original color is **79.2377, 76.1596, 79.6312**, and **31.2220, 23.6987, 19.1484** is the 20% darker color. If you saturate the color by 10%, you get **54.9424, 40.7168, 31.0005**, and if you desaturate by 10%, it is **68.2961, 60.3479, 57.2668**.

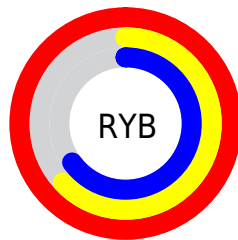
# Distribution



Red (100%)

Green (63%)

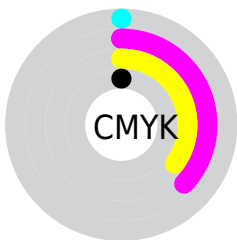
Blue (65%)



Red (100%)

Yellow (63%)

Blue (65%)

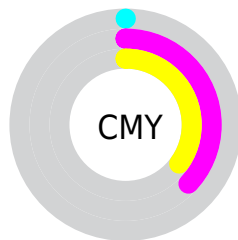


Cyan (0%)

Magenta (37%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (37%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9599, 49.5398, 42.9084 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 60.9599, 49.5398, 42.9084 by changing the saturation by 10% instead.





 60.9599, 49.5398,  
42.9084

 60.9599, 49.5398,  
42.9084


417.9052,  
384.8635, 374.1451

 44.4452, 35.0479,  
29.4824

 105.3193, 89.4926,  
80.8575

 31.2201, 23.6998,  
19.1973


 133.8948,  
115.7224, 106.2176

 20.9191, 15.1110,  
11.6347


167.2212,  
146.6335, 136.3929

 13.1770, 8.8974,  
6.3759

205.6639,  
182.6103, 171.8019

 7.6284, 4.6743,  
3.0025

249.5883,  
224.0374, 212.8630

 3.9079, 2.0575,  
1.0959

299.3598,

 1.6502, 0.6405,

271.2990, 259.9949

0.0000

355.3436,  
324.7796, 313.6161

■ 0.4248, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.9599, 49.5398,  
42.9084

■ 60.9599, 49.5398,  
42.9084

■ 54.9424, 40.7168,  
31.0005

■ 68.2961, 60.3479,  
57.2668

■ 50.1617, 33.7514,  
21.4036

■ 77.0187, 73.2438,  
74.1990

■ 46.5327, 28.5128,  
13.9682

■ 87.1954, 88.3320,  
93.8234

■ 43.9579, 24.8501,  
8.5264

95.0500, 100.0000,  
108.9000

■ 42.3240, 22.5864,  
4.8856

■ 41.4893, 21.4988,  
2.8140

■ 41.3355, 21.2982,  
2.4329

# Harmonies

## Analogous

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



61.4046, 49.5398, 62.2236



60.9599, 49.5398, 42.9084



56.5838, 49.5398, 30.1825

# Triad

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



60.9599, 49.5398, 42.9084



37.8270, 49.5398, 32.2103



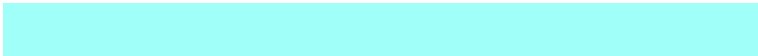
44.3838, 49.5398, 100.7047

# Complementary

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



60.9599, 49.5398, 42.9084



67.5591, 85.9377, 102.6541

# 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.



38.7155, 49.5398, 87.7192



60.9599, 49.5398, 42.9084



35.1868, 49.5398, 46.4271

# Square

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



60.9599, 49.5398, 42.9084



43.0575, 49.5398, 25.1344



35.4952, 49.5398, 66.7177



51.3585, 49.5398, 99.0919



# Rectangle

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



60.9599, 49.5398, 42.9084



52.2476, 49.5398, 25.6608



35.4952, 49.5398, 66.7177



42.2762, 49.5398, 97.7931

# Sweetspot

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



60.9612, 49.5422, 42.9094



82.8018, 81.8134, 85.3651



69.7681, 52.8030, 101.1225



17.4269, 17.0725, 17.7008



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.



60.9612, 49.5422, 42.9094



56.5339, 43.0455, 34.1642



68.7325, 65.9513, 42.8287



18.0563, 18.0058, 18.9139



21.6164, 11.1358, 1.3643



2.1204, 1.0905, 0.2155



# Inverse Universe

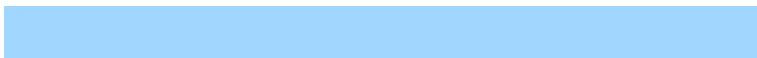
The Inverse Universe completely reimagines the original color for something new.



60.9612, 49.5422, 42.9094



56.5339, 43.0455, 34.1642



56.8642, 63.0275, 103.7762



18.0563, 18.0058, 18.9139



21.6164, 11.1358, 1.3643



2.1204, 1.0905, 0.2155



# Previews

## White Background



This preview shows how the XYZ color 60.9599, 49.5398, 42.9084 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 60.9599, 49.5398, 42.9084 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

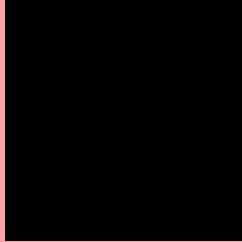
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.9599, 49.5398, 42.9084

## Background



This preview shows how black text looks on a background with the XYZ color 60.9599, 49.5398, 42.9084.



This preview shows how white text looks on a background with the XYZ color 60.9599, 49.5398,

42.9084.

# 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

60.9599, 49.5398, 42.9084

### Protanopia

47.6376, 49.6605, 50.7907

### Deuteranopia

50.7537, 49.6190, 42.0244



## Tritanopia

61.2572, 49.3802, 45.3324

# Trichromacy



## Original Color

60.9599, 49.5398, 42.9084



## Protanomaly

51.5829, 49.0259, 47.8185



## Deuteranomaly

54.0482, 49.2618, 42.2571



## Tritanomaly

61.0665, 49.3039, 44.3283

# Monochromacy



## Original Color

60.9599, 49.5398, 42.9084



## Achromatopsia

48.9429, 51.4918, 56.0745



## Achromatomaly

52.2952, 49.9137, 51.1340

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.9599, 49.5398, 42.9084 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, 161, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 167)  
}
```

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, 161, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 167) }
```

## Border

The CSS property to change the border of an element to XYZ 60.9599, 49.5398, 42.9084 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, 161, 167) }
```



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

```
.border{ border-color:rgb(255, 161, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
167) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.9599, 49.5398, 42.9084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 167) }
```

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

```
.background{ background-color: rgb(255,  
161, 167) }
```

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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