

# Converting Colors

XYZ(61.6702, 50.9603, 43.1452)

Have a look what the booklet for  
XYZ(61.6702, 50.9603, 43.1452)  
contains.

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# Color

**XYZ(61.6702, 50.9603,  
43.1452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA5A7
RGB	255, 165, 167
RGB Percent	100%, 65%, 65%
CMY	0.0000, 0.3529, 0.3451
CMYK	0.00, 0.35, 0.35, 0.00
HSL	359°, 100%, 82%
HSV	359°, 35%, 100%
XYZ	61.6702, 50.9603, 43.1452
YIQ	192.1380, 52.9980, 19.7020

# Conversions

## Conversions Part 2

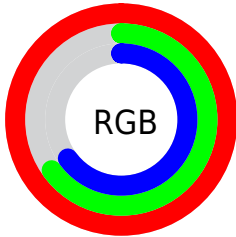
Format	Color
R <sub>Y</sub> B	255, 165, 167
Decimal	16754087
CIE Lab	76.65, 33.49, 12.85
CIE LCh	77, 35.868, 20.994
Yxy	50.9603, 0.3959, 0.3271
Android (android.graphics.Color)	4294944167 (0xFFFFA5A7)
YUV	192.1380, -12.3930, 55.1300
Hunter-Lab	71.3865, 29.2783, 14.1363

# Details

The XYZ color **61.6702, 50.9603, 43.1452** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.0089, 86.6122, 106.0137**, and the grayscale version is **50.2332, 52.8492, 57.5528**.

A 20% lighter version of the original color is **80.2813, 78.2468, 79.9791**, and **31.6536, 24.5619, 19.2922** is the 20% darker color. If you saturate the color by 10%, you get **55.4336, 41.8273, 30.7692**, and if you desaturate by 10%, it is **69.2708, 62.1097, 58.1695**.

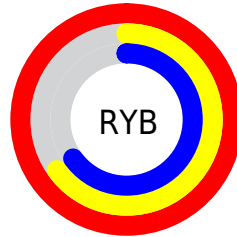
# Distribution



Red (100%)

Green (65%)

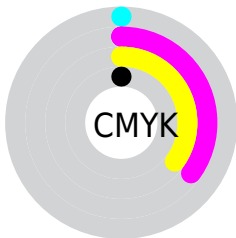
Blue (65%)



Red (100%)

Yellow (65%)

Blue (65%)

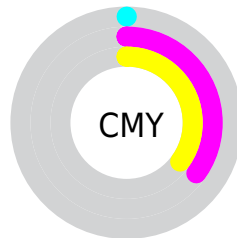


Cyan (0%)

Magenta (35%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (35%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6702, 50.9603, 43.1452 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 61.6702, 50.9603, 43.1452 by changing the saturation by 10% instead.





 61.6702, 50.9603,  
43.1452

 61.6702, 50.9603,  
43.1452


420.4638,  
390.4095, 375.1473

 45.0209, 36.1770,  
29.6668


 106.3414, 91.5961,  
81.2186

 31.6752, 24.5709,  
19.3359


 135.0939,  
118.2174, 106.6508

 21.2679, 15.7577,  
11.7340


168.6115,  
149.5535, 136.9045

 13.4335, 9.3528,  
6.4425

207.2596,  
185.9887, 172.3985

 7.8068, 4.9720,  
3.0429

251.4036,  
227.9076, 213.5513

 4.0223, 2.2309,  
1.1166

301.4087,

 1.7148, 0.7367,

275.6944, 260.7813

0.0000

357.6403,  
329.7336, 314.5071

■ 0.4655, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.6702, 50.9603,  
43.1452

■ 61.6702, 50.9603,  
43.1452

■ 55.4336, 41.8273,  
30.7692

■ 69.2708, 62.1097,  
58.1695

■ 50.4767, 34.5836,  
20.8851

■ 78.3052, 75.3782,  
75.9800

■ 46.7118, 29.0991,  
13.3251

■ 88.8434, 90.8701,  
96.7087

■ 44.0389, 25.2242,  
7.8991

95.0500, 100.0000,  
108.9000

■ 42.3412, 22.7844,  
4.3875

■ 41.4758, 21.5648,  
2.5230

■ 41.2710, 21.2724,  
2.0931

# Harmonies

## Analogous

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



62.5026, 50.9603, 61.5457



61.6702, 50.9603, 43.1452



57.1231, 50.9603, 31.2166

# Triad

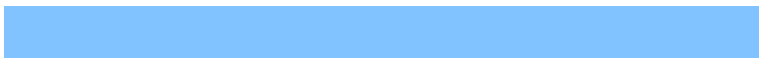
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.6702, 50.9603, 43.1452



38.9865, 50.9603, 35.1311



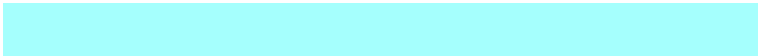
46.4220, 50.9603, 101.1918

# Complementary

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



61.6702, 50.9603, 43.1452



69.0089, 86.6122, 106.0137

# 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.



40.6780, 50.9603, 89.8920



61.6702, 50.9603, 43.1452



36.6565, 50.9603, 49.8397

# Square

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



61.6702, 50.9603, 43.1452



43.9096, 50.9603, 27.3968



37.2454, 50.9603, 69.9832



53.2637, 50.9603, 98.2061



# Rectangle

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



61.6702, 50.9603, 43.1452



52.8118, 50.9603, 27.1207



37.2454, 50.9603, 69.9832



44.3093, 50.9603, 98.8564

# Sweetspot

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



61.6715, 50.9628, 43.1462



82.6396, 81.7485, 84.5109



71.6513, 54.8282, 101.4142



17.3887, 17.0572, 17.4993



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.



61.6715, 50.9628, 43.1462



57.3413, 44.6193, 34.5600



70.3458, 68.6042, 45.1348



18.0257, 17.9936, 18.7525



21.5720, 11.1181, 1.1308



2.1059, 1.0847, 0.1390



# Inverse Universe

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



61.6715, 50.9628, 43.1462



57.3413, 44.6193, 34.5600



57.3635, 62.8101, 103.7079



18.0257, 17.9936, 18.7525



21.5720, 11.1181, 1.1308



2.1059, 1.0847, 0.1390



# Previews

## White Background



This preview shows how the XYZ color 61.6702, 50.9603, 43.1452 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 61.6702, 50.9603, 43.1452 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

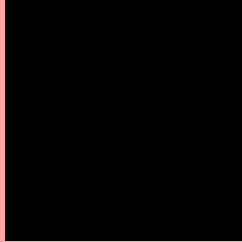
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.6702, 50.9603, 43.1452

## Background



This preview shows how black text looks on a background with the XYZ color 61.6702, 50.9603, 43.1452.



This preview shows how white text looks on a background with the XYZ color 61.6702, 50.9603,



# 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

61.6702, 50.9603, 43.1452

### Protanopia

48.9415, 51.2926, 50.5010

### Deuteranopia

52.2496, 51.2990, 42.2698



## Tritanopia

62.3519, 50.9455, 47.6215

# Trichromacy



## Original Color

61.6702, 50.9603, 43.1452



## Protanomaly

52.6744, 50.4894, 47.5266



## Deuteranomaly

55.2719, 50.7562, 42.4811



## Tritanomaly

62.0583, 50.8280, 46.0751

# Monochromacy



## Original Color

61.6702, 50.9603, 43.1452



## Achromatopsia

50.1023, 52.7115, 57.4028



## Achromatomaly

53.2995, 51.3219, 51.8967

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.6702, 50.9603, 43.1452 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, 165, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 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, 165, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 167) }
```

## Border

The CSS property to change the border of an element to XYZ 61.6702, 50.9603, 43.1452 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, 165, 167) }
```



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

```
.border{ border-color:rgb(255, 165, 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, 165, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 165, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 165, 167); box-shadow:4px 4px 4px 4px rgb(255, 165, 167) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.6702, 50.9603, 43.1452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 167) }
```

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

```
.background{ background-color: rgb(255,  
165, 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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