

# Converting Colors

XYZ(61.8883, 47.8738, 39.7456)

Have a look what the booklet for  
XYZ(61.8883, 47.8738, 39.7456)  
contains.

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# Color

**XYZ(58.9013, 46.2897,  
39.5486)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF98A1
RGB	255, 152, 161
RGB Percent	100%, 60%, 63%
CMY	0.0000, 0.4039, 0.3686
CMYK	0.00, 0.40, 0.37, 0.00
HSL	355°, 100%, 80%
HSV	355°, 40%, 100%
XYZ	58.9013, 46.2897, 39.5486
YIQ	183.8230, 58.4990, 24.6350

# Conversions

## Conversions Part 2

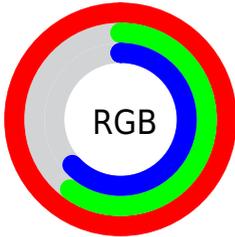
Format	Color
R <sub>Y</sub> B	255, 152, 161
Decimal	16750753
CIE Lab	73.73, 39.50, 12.01
CIE LCh	74, 41.289, 16.915
Yxy	46.2897, 0.4069, 0.3198
Android (android.graphics.Color)	4294940833 (0xFFFF98A1)
YUV	183.8230, -11.2517, 62.4222
Hunter-Lab	68.0365, 35.4690, 13.1612

# Details

The XYZ color **58.9013, 46.2897, 39.5486** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.3456, 84.8502, 100.1271**, and the grayscale version is **45.5010, 47.8706, 52.1311**.

A 20% lighter version of the original color is **76.1905, 71.3296, 74.7181**, and **30.0413, 21.7852, 17.3735** is the 20% darker color. If you saturate the color by 10%, you get **53.3336, 38.1388, 28.4922**, and if you desaturate by 10%, it is **65.7430, 56.3771, 52.9151**.

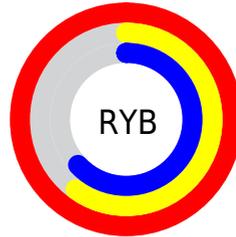
# Distribution



Red (100%)

Green (60%)

Blue (63%)



Red (100%)

Yellow (60%)

Blue (63%)

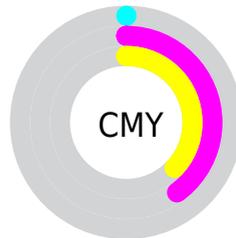


Cyan (0%)

Magenta (40%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9013, 46.2897, 39.5486 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 58.9013, 46.2897, 39.5486 by changing the saturation by 10% instead.



 58.9013, 46.2897,  
39.5486

 58.9013, 46.2897,  
39.5486

410.4360,  
371.9721, 359.7127

 42.7797, 32.4745,  
26.8757

 102.3496, 84.6524,  
75.7052

 29.9061, 21.7242,  
17.2483

 130.4071,  
109.9687, 100.0259

 19.9150, 13.6544,  
10.2478

163.1740,  
139.8874, 129.0664

 12.4412, 7.8807,  
5.4558

201.0155,  
174.7930, 163.2450

 7.1192, 4.0187,  
2.4537

244.2972,  
215.0699, 202.9804

 3.5838, 1.6840,  
0.8155

293.3842,

 1.4695, 0.4133,

261.1025, 248.6911

0.0000

348.6420,  
313.2751, 300.7957

■ 0.3049, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 58.9013, 46.2897,  
39.5486

■ 58.9013, 46.2897,  
39.5486

■ 53.3336, 38.1388,  
28.4922

■ 65.7430, 56.3771,  
52.9151

■ 48.9576, 31.7940,  
19.6122

■ 73.9271, 68.5070,  
68.7098

■ 45.6868, 27.1197,  
12.7653

■ 83.5215, 82.7855,  
87.0456

■ 43.4215, 23.9580,  
7.7900

■ 94.5884, 99.3098,  
108.0279

■ 42.0438, 22.1210,  
4.4998

95.0500, 100.0000,  
108.9000

■ 41.3874, 21.3190,  
2.7063

# Harmonies

## Analogous

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



59.1979, 46.2897, 60.1004



58.9013, 46.2897, 39.5486



54.3406, 46.2897, 26.3010

# Triad

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



58.9013, 46.2897, 39.5486



34.4877, 46.2897, 27.5567



40.8835, 46.2897, 100.8101

# Complementary

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



58.9013, 46.2897, 39.5486



65.3456, 84.8502, 100.1271

# 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.



35.0570, 46.2897, 85.9912



58.9013, 46.2897, 39.5486



31.6502, 46.2897, 41.8068

# Square

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



58.9013, 46.2897, 39.5486



40.0233, 46.2897, 20.8128



31.8463, 46.2897, 63.0780



48.2253, 46.2897, 99.7059



# Rectangle

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



58.9013, 46.2897, 39.5486



49.7561, 46.2897, 21.6475



31.8463, 46.2897, 63.0780



38.7003, 46.2897, 97.3834

# Sweetspot

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



58.9025, 46.2920, 39.5495



81.8784, 80.3366, 83.9164



66.8312, 49.0374, 100.5505



17.2461, 16.7793, 17.4290



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.



58.9025, 46.2920, 39.5495



54.5527, 39.9177, 30.9312



66.0232, 61.7575, 38.1493



18.0738, 18.0128, 19.0056



21.6476, 11.1484, 1.5290



2.1286, 1.0938, 0.2588



# Inverse Universe

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



58.9025, 46.2920, 39.5495



54.5527, 39.9177, 30.9312



54.9969, 61.8894, 103.6550



18.0738, 18.0128, 19.0056



21.6476, 11.1484, 1.5290

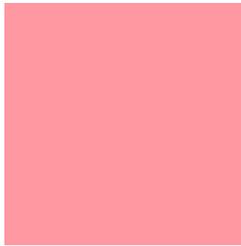


2.1286, 1.0938, 0.2588



# Previews

## White Background



This preview shows how the XYZ color 58.9013, 46.2897, 39.5486 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

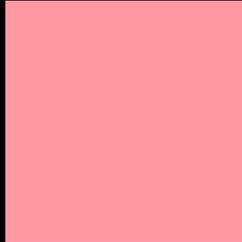
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.9013, 46.2897, 39.5486 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 58.9013, 46.2897, 39.5486**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.9013, 46.2897, 39.5486.



This preview shows how white text looks on a background with the XYZ color 58.9013, 46.2897,

39.5486.

# 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

58.9013, 46.2897, 39.5486

### Protanopia

44.6100, 46.6214, 47.7219

### Deuteranopia

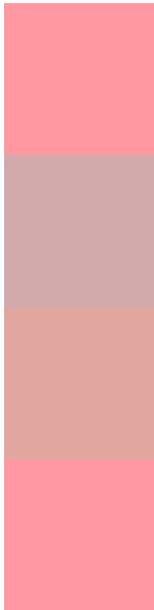
47.4282, 46.5042, 38.3748



## Tritanopia

59.0791, 46.3608, 40.4851

# Trichromacy



## Original Color

58.9013, 46.2897, 39.5486

## Protanomaly

48.5894, 45.5386, 44.7570

## Deuteranomaly

51.0416, 46.1136, 38.5584

## Tritanomaly

58.9898, 46.3251, 40.0150

# Monochromacy



## Original Color

58.9013, 46.2897, 39.5486

## Achromatopsia

45.5594, 47.9320, 52.1980

## Achromatomaly

49.1673, 46.3413, 47.4277

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.9013, 46.2897, 39.5486 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, 152, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 161)  
}
```

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, 152, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 161) }
```

## Border

The CSS property to change the border of an element to XYZ 58.9013, 46.2897, 39.5486 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, 152, 161) }
```



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

```
.border{ border-color:rgb(255, 152, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
161) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.9013, 46.2897, 39.5486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 161) }
```

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

```
.background{ background-color: rgb(255,  
152, 161) }
```

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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