

# Converting Colors

XYZ(53.7640, 39.2629, 36.6459)

Have a look what the booklet for  
XYZ(53.7640, 39.2629, 36.6459)  
contains.

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# Color

**XYZ(53.7614, 39.2608,  
36.6429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA849D
RGB	250, 132, 157
RGB Percent	98%, 52%, 62%
CMY	0.0196, 0.4823, 0.3843
CMYK	0.00, 0.47, 0.37, 0.02
HSL	347°, 92%, 75%
HSV	347°, 47%, 98%
XYZ	53.7614, 39.2608, 36.6429
YIQ	170.1320, 62.3030, 32.7910

# Conversions

## Conversions Part 2

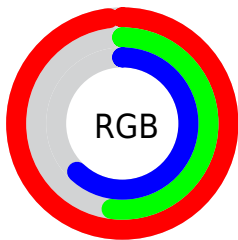
Format	Color
R <sub>Y</sub> B	250, 132, 157
Decimal	16417949
CIE Lab	68.94, 47.39, 7.33
CIE LCh	69, 47.949, 8.797
Yxy	39.2608, 0.4146, 0.3028
Android (android.graphics.Color)	4294608029 (0xFFFA849D)
YUV	170.1320, -6.4741, 70.0442
Hunter-Lab	62.6584, 43.5020, 9.1879

# Details

The XYZ color **53.7614, 39.2608, 36.6429** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.2939, 78.7139, 83.4120**, and the grayscale version is **38.2849, 40.2787, 43.8635**.

A 20% lighter version of the original color is **70.7682, 61.5038, 69.7695**, and **26.6327, 17.5797, 15.6252** is the 20% darker color. If you saturate the color by 10%, you get **49.2194, 32.6555, 27.4876**, and if you desaturate by 10%, it is **59.3890, 47.6029, 47.4993**.

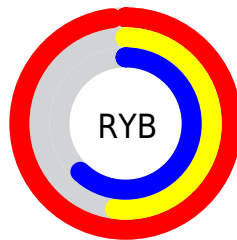
# Distribution



Red (98%)

Green (52%)

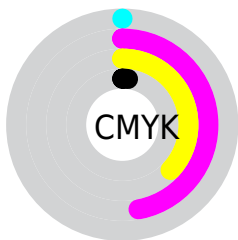
Blue (62%)



Red (98%)

Yellow (52%)

Blue (62%)

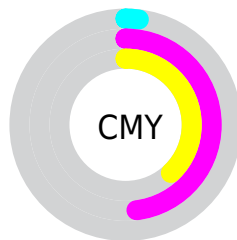


Cyan (0%)

Magenta (47%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (48%)


Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7614, 39.2608, 36.6429 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 53.7614, 39.2608, 36.6429 by changing the saturation by 10% instead.





 53.7614, 39.2608,  
36.6429


 53.7614, 39.2608,  
36.6429


391.4127,  
342.9980, 346.8839


 38.6408, 26.9627,  
24.6375


 94.8828, 74.0366,  
71.2034

 26.6599, 17.5452,  
15.5906


 121.6143, 97.2830,  
94.5956

 17.4532, 10.6240,  
9.0837


 152.9469,  
124.9476, 122.6205

 10.6555, 5.8146,  
4.6983

189.2458,  
157.4149, 155.6965

 5.9012, 2.7327,  
2.0157

230.8765,  
195.0692, 194.2424

 2.8252, 0.9938,  
0.5649

278.2044,

 1.0620, 0.0000,

238.2949, 238.6765

0.0000

331.5946,  
287.4763, 289.4175

■ 0.0000, 0.0000,  
0.0000

■ 53.7614, 39.2608,  
36.6429

■ 53.7614, 39.2608,  
36.6429

■ 49.2194, 32.6555,  
27.4876

■ 59.3890, 47.6029,  
47.4993

■ 45.6880, 27.6580,  
19.9433

■ 66.1643, 57.7870,  
60.1362

■ 43.0871, 24.1307,  
13.9143

■ 74.1483, 69.9168,  
74.6304

■ 41.3228, 21.9101,  
9.2934

■ 83.3969, 84.0868,  
91.0535

■ 40.2764, 20.7865,  
5.9566

■ 93.2343, 99.0640,  
108.8150

■ 40.0659, 20.5806,  
5.2237

# Harmonies

## Analogous

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



52.7221, 39.2608, 59.8041



53.7614, 39.2608, 36.6429



49.9490, 39.2608, 21.4674

# Triad

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



53.7614, 39.2608, 36.6429



28.8631, 39.2608, 17.6635



32.2607, 39.2608, 95.0609

# Complementary

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



53.7614, 39.2608, 36.6429



57.2939, 78.7139, 83.4120

# 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.



27.0161, 39.2608, 74.8237



53.7614, 39.2608, 36.6429



25.2483, 39.2608, 29.2892

# Square

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



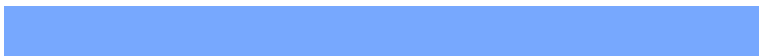
53.7614, 39.2608, 36.6429



35.1186, 39.2608, 13.2312



24.6215, 39.2608, 49.4969



39.6037, 39.2608, 99.1184



# Rectangle

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



53.7614, 39.2608, 36.6429



45.4389, 39.2608, 15.9523



24.6215, 39.2608, 49.4969



30.2242, 39.2608, 89.6605

# Sweetspot

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



53.7625, 39.2628, 36.6436



80.4960, 77.6182, 83.3126



56.3830, 39.3234, 95.0610



16.8003, 15.9574, 17.0656



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.



53.7625, 39.2628, 36.6436



51.5443, 34.2429, 28.8738



57.1240, 49.0588, 28.2908



17.3950, 17.2854, 18.6700



21.2944, 10.9335, 2.9930



2.0092, 1.0274, 0.4720



# Inverse Universe

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



53.7625, 39.2628, 36.6436



51.5443, 34.2429, 28.8738



51.4740, 61.2119, 99.5446



17.3950, 17.2854, 18.6700



21.2944, 10.9335, 2.9930



2.0092, 1.0274, 0.4720



# Previews

## White Background



This preview shows how the XYZ color 53.7614, 39.2608, 36.6429 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

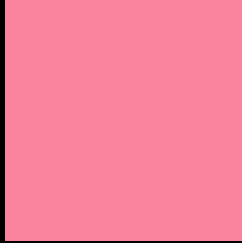
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 53.7614, 39.2608, 36.6429 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 53.7614, 39.2608, 36.6429**

## **Background**



This preview shows how black text looks on a background with the XYZ color 53.7614, 39.2608, 36.6429.



This preview shows how white text looks on a background with the XYZ color 53.7614, 39.2608,

36.6429.

# 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

53.7614, 39.2608, 36.6429

### Protanopia

38.3006, 39.6146, 47.2227

### Deuteranopia

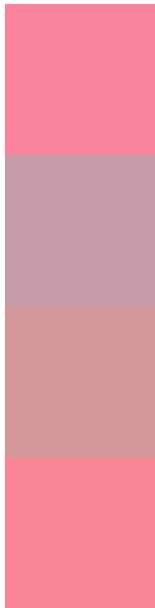
40.2505, 39.5378, 35.2159



## Tritanopia

52.6261, 39.2035, 31.1789

# Trichromacy



## Original Color

53.7614, 39.2608, 36.6429

## Protanomaly

42.2657, 38.3507, 43.2050

## Deuteranomaly

44.2123, 38.7866, 35.7282

## Tritanomaly

52.8793, 39.0847, 33.1908

# Monochromacy



## Original Color

53.7614, 39.2608, 36.6429

## Achromatopsia

38.2080, 40.1978, 43.7754

## Achromatomaly

42.2332, 38.6357, 40.8288

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 53.7614, 39.2608, 36.6429 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, 132, 157)` looks like.

```
.text, #text, p{  
    color:rgb(250, 132, 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, 132, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 132, 157) }
```

## Border

The CSS property to change the border of an element to XYZ 53.7614, 39.2608, 36.6429 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, 132, 157) }
```



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

```
.border{ border-color:rgb(250, 132, 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, 132, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 132, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 132, 157);  
box-shadow:4px 4px 4px 4px rgb(250, 132,  
157) }
```

# Background

The CSS property to change the background color of an element to XYZ 53.7614, 39.2608, 36.6429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 132, 157) }
```

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

```
.background{ background-color: rgb(250,  
132, 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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