

# Converting Colors

XYZ(57.6657, 39.3383, 52.9485)

Have a look what the booklet for  
XYZ(57.6657, 39.3383, 52.9485)  
contains.

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# Color

**XYZ(57.6330, 39.3494,  
52.7017)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF7CBD
RGB	255, 124, 189
RGB Percent	100%, 49%, 74%
CMY	0.0000, 0.5137, 0.2588
CMYK	0.00, 0.51, 0.26, 0.00
HSL	330°, 100%, 74%
HSV	330°, 51%, 100%
XYZ	57.6330, 39.3494, 52.7017
YIQ	170.5790, 57.2110, 47.9870

# Conversions

## Conversions Part 2

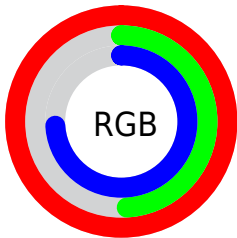
Format	Color
R <sub>Y</sub> B	255, 124, 189
Decimal	16743613
CIE Lab	69.00, 56.81, -10.47
CIE LCh	69, 57.764, 349.554
Yxy	39.3494, 0.3850, 0.2629
Android (android.graphics.Color)	4294933693 (0xFFFF7CBD)
YUV	170.5790, 9.0816, 74.0372
Hunter-Lab	62.7291, 54.2228, -5.9020

# Details

The XYZ color **57.6330, 39.3494, 52.7017** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.3682, 79.5236, 61.2556**, and the grayscale version is **38.4347, 40.4363, 44.0352**.

A 20% lighter version of the original color is **74.0427, 60.4951, 94.1604**, and **29.0167, 17.5139, 25.1437** is the 20% darker color. If you saturate the color by 10%, you get **53.5069, 33.2312, 44.7478**, and if you desaturate by 10%, it is **62.7106, 47.1728, 61.5832**.

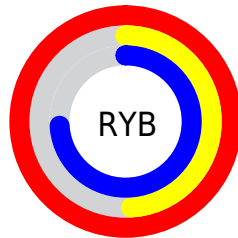
# Distribution



Red (100%)

Green (49%)

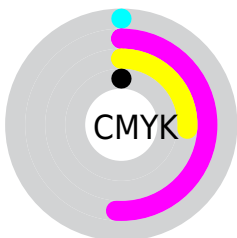
Blue (74%)



Red (100%)

Yellow (49%)

Blue (74%)

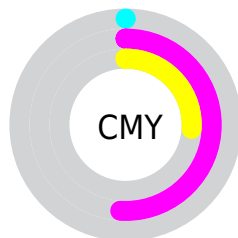


Cyan (0%)

Magenta (51%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (51%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6330, 39.3494, 52.7017 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 57.6330, 39.3494, 52.7017 by changing the saturation by 10% instead.





 57.6330, 39.3494,  
52.7017

 57.6330, 39.3494,  
52.7017


405.7930,  
343.3737, 414.1734


 41.7558, 27.0316,  
37.1786

 100.5143, 74.1718,  
95.6024

 29.1004, 17.5970,  
25.0489


 128.2490, 97.4452,  
123.8170

 19.3014, 10.6610,  
15.8942


 160.6670,  
125.1393, 157.0993

 11.9936, 5.8394,  
9.2957

198.1336,  
157.6385, 195.8677

 6.8115, 2.7477,  
4.8351

241.0142,  
195.3271, 240.5407

 3.3898, 1.0015,  
2.0938

289.6740,

 1.3631, 0.0000,

238.5896, 291.5370

0.6121

344.4785,  
287.8103, 349.2751

■ 0.2297, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.6330, 39.3494,  
52.7017

■ 57.6330, 39.3494,  
52.7017

■ 53.5069, 33.2312,  
44.7478

■ 62.7106, 47.1728,  
61.5832

■ 50.2612, 28.6813,  
37.6808

■ 68.7981, 56.8134,  
71.4257

■ 47.8188, 25.5506,  
31.4589

■ 75.9523, 68.3800,  
82.2631

■ 46.0862, 23.6578,  
26.0341

■ 84.2248, 81.9712,  
94.1268

■ 45.0396, 22.7799,  
21.9386

■ 93.6637, 97.6788,  
107.0465

95.0500, 100.0000,  
108.9000

# Harmonies

## Analogous

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



52.5420, 39.3494, 84.8291



57.6330, 39.3494, 52.7017



56.6684, 39.3494, 28.0272

# Triad

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



57.6330, 39.3494, 52.7017



31.7868, 39.3494, 10.6416



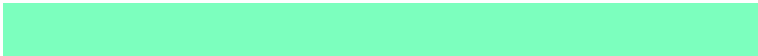
27.0586, 39.3494, 94.1190

# Complementary

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



57.6330, 39.3494, 52.7017



53.3682, 79.5236, 61.2556

# 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.



23.0852, 39.3494, 62.1361



57.6330, 39.3494, 52.7017



25.4891, 39.3494, 17.6669

# Square

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



57.6330, 39.3494, 52.7017



40.7001, 39.3494, 9.8398



22.5621, 39.3494, 34.3006



34.2841, 39.3494, 114.4718



# Rectangle

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



57.6330, 39.3494, 52.7017



52.7642, 39.3494, 18.0035



22.5621, 39.3494, 34.3006



25.3524, 39.3494, 83.8807

# Sweetspot

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



57.6339, 39.3512, 52.7024



81.0893, 76.7973, 89.6995



46.3699, 32.5204, 98.4408



16.9816, 15.8217, 18.6626



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.



57.6339, 39.3512, 52.7024



53.2771, 32.8996, 44.2766



52.0871, 37.1325, 23.4931



18.3852, 18.1374, 20.6455



23.6094, 11.9330, 11.8594



2.3538, 1.1839, 1.4448



# Inverse Universe

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



57.6339, 39.3512, 52.7024



53.2771, 32.8996, 44.2766



62.1232, 83.0256, 107.3591



18.3852, 18.1374, 20.6455



23.6094, 11.9330, 11.8594

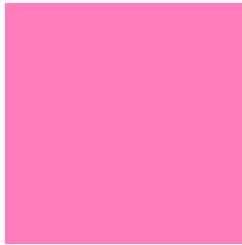


2.3538, 1.1839, 1.4448



# Previews

## White Background



This preview shows how the XYZ color 57.6330, 39.3494, 52.7017 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

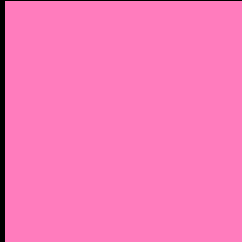
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.6330, 39.3494, 52.7017 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 57.6330, 39.3494, 52.7017**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.6330, 39.3494, 52.7017.



This preview shows how white text looks on a background with the XYZ color 57.6330, 39.3494,



# 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

57.6330, 39.3494, 52.7017

### Protanopia

40.1839, 39.7673, 71.8876

### Deuteranopia

40.3094, 39.5120, 49.7580



## Tritanopia

53.1291, 39.2675, 30.7658

# Trichromacy



## Original Color

57.6330, 39.3494, 52.7017



## Protanomaly

44.0673, 37.8447, 64.0136



## Deuteranomaly

45.2365, 38.2631, 50.9002



## Tritanomaly

54.4727, 39.1988, 37.9528

# Monochromacy



## Original Color

57.6330, 39.3494, 52.7017



## Achromatopsia

38.7082, 40.7240, 44.3485



## Achromatomaly

43.9486, 38.8821, 47.3081

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.6330, 39.3494, 52.7017 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, 124, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 189)  
}
```

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, 124, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 189) }
```

## Border

The CSS property to change the border of an element to XYZ 57.6330, 39.3494, 52.7017 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, 124, 189) }
```



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

```
.border{ border-color:rgb(255, 124, 189) }
```

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

Here you see how a box with a 4 pixel rgb(255, 124, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
189) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.6330, 39.3494, 52.7017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 189) }
```

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

```
.background{ background-color: rgb(255,  
124, 189) }
```

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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