

Converting Colors

XYZ(86.8651, 53.5560, 65.0097)

Have a look what the booklet for
XYZ(86.8651, 53.5560, 65.0097)
contains.

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Color

**XYZ(59.3399, 39.4397,
63.5166)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79CF
RGB	255, 121, 207
RGB Percent	100%, 47%, 81%
CMY	0.0000, 0.5255, 0.1882
CMYK	0.00, 0.53, 0.19, 0.00
HSL	321°, 100%, 74%
HSV	321°, 53%, 100%
XYZ	59.3399, 39.4397, 63.5166
YIQ	170.8700, 52.2580, 55.1540

Conversions

Conversions Part 2

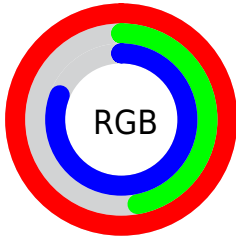
Format	Color
R_{YB}	255, 121, 207
Decimal	16742863
CIE _{Lab}	69.07, 60.66, -20.44
CIE _{LCh}	69, 64.016, 341.378
Yxy	39.4397, 0.3656, 0.2430
Android (android.graphics.Color)	4294932943 (0xFFFF79CF)
YUV	170.8700, 17.8121, 73.7820
Hunter-Lab	62.8010, 58.7606, -16.0048

Details

The XYZ color **59.3399, 39.4397, 63.5166** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.8081, 78.4502, 50.0036**, and the grayscale version is **38.5398, 40.5468, 44.1555**.

A 20% lighter version of the original color is **75.0121, 59.9243, 102.2207**, and **30.0888, 17.5688, 31.9423** is the 20% darker color. If you saturate the color by 10%, you get **55.5556, 33.6071, 56.9039**, and if you desaturate by 10%, it is **64.0094, 46.9393, 70.7441**.

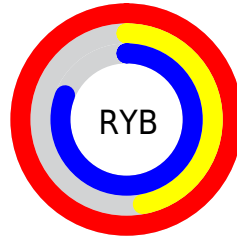
Distribution



Red (100%)

Green (47%)

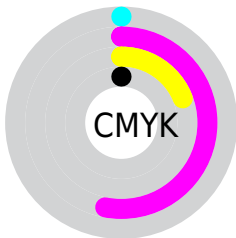
Blue (81%)



Red (100%)

Yellow (47%)

Blue (81%)

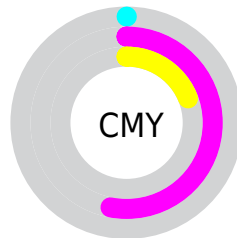


Cyan (0%)

Magenta (53%)

Yellow (19%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3399, 39.4397, 63.5166 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 59.3399, 39.4397, 63.5166 by changing the saturation by 10% instead.

59.3399, 39.4397,
63.5166

59.3399, 39.4397,
63.5166

412.0342,
343.7563, 455.6014

43.1342, 27.1020,
45.8156

102.9833, 74.3096,
111.5072

30.1854, 17.6498,
31.7527

131.1518, 97.6104,
142.6339

20.1281, 10.6989,
20.9094

164.0385,
125.3345, 179.0729

12.5970, 5.8647,
12.8672

202.0089,
157.8662, 221.2428

7.2267, 2.7630,
7.2075

245.4283,
195.5898, 269.5620

3.6519, 1.0093,
3.5118

294.6621,

1.5071, 0.0000,

238.8897, 324.4491

1.3615

350.0756,
288.1504, 386.3227

■ 0.3307, 0.0000,
0.1114

■ 0.0000, 0.0000,
0.0000

■ 59.3399, 39.4397,
63.5166

■ 59.3399, 39.4397,
63.5166

■ 55.5556, 33.6071,
56.9039

■ 64.0094, 46.9393,
70.7441

■ 52.5868, 29.3036,
50.8760

■ 69.6213, 56.2187,
78.6093

■ 50.3569, 26.3782,
45.4024

■ 76.2311, 67.3869,
87.1363

■ 48.7725, 24.6458,
40.4464

■ 83.8888, 80.5427,
96.3466

■ 47.9096, 23.9278,
37.0516

■ 92.6412, 95.7780,
106.2608

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.



52.0200, 39.4397, 100.4616



59.3399, 39.4397, 63.5166



60.2161, 39.4397, 32.7777

Triad

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



59.3399, 39.4397, 63.5166



33.7447, 39.4397, 8.0417



24.5997, 39.4397, 91.8672

Complementary

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



59.3399, 39.4397, 63.5166



50.8081, 78.4502, 50.0036

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.



21.3449, 39.4397, 55.0190



59.3399, 39.4397, 63.5166



25.9481, 39.4397, 13.0606

Square

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



59.3399, 39.4397, 63.5166



44.1116, 39.4397, 8.6587



21.7890, 39.4397, 27.3744



31.5599, 39.4397, 121.3064

Rectangle

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



59.3399, 39.4397, 63.5166



56.8709, 39.4397, 19.8150



21.7890, 39.4397, 27.3744



23.0984, 39.4397, 79.3785

Sweetspot

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



59.3408, 39.4414, 63.5174



81.1226, 75.7686, 93.0871



41.0163, 29.2108, 98.0842



17.0238, 15.6334, 19.5171



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.



59.3408, 39.4414, 63.5174



55.4038, 33.3798, 56.6180



52.8938, 36.8627, 29.5680



18.5003, 18.1834, 21.2515



25.1077, 12.5324, 19.7494



2.4969, 1.2411, 2.1979

Inverse Universe

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



59.3408, 39.4414, 63.5174



55.4038, 33.3798, 56.6180



58.6272, 81.5779, 91.1784



18.5003, 18.1834, 21.2515



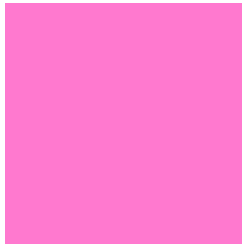
25.1077, 12.5324, 19.7494



2.4969, 1.2411, 2.1979

Previews

White Background



This preview shows how the XYZ color 59.3399, 39.4397, 63.5166 looks on a white background.

Color Contrast Check

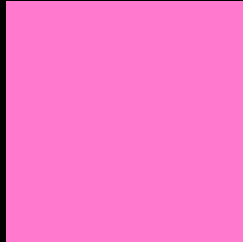
Large Text (above 18pt) WCAG AA × Fail

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 59.3399, 39.4397, 63.5166 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 59.3399, 39.4397, 63.5166

Background



This preview shows how black text looks on a background with the XYZ color 59.3399, 39.4397, 63.5166.



This preview shows how white text looks on a background with the XYZ color 59.3399, 39.4397,

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

59.3399, 39.4397, 63.5166

Protanopia

41.4010, 40.0397, 87.9844

Deuteranopia

40.4580, 39.6264, 60.1599



Tritanopia

52.7649, 39.4813, 31.2252

Trichromacy



Original Color

59.3399, 39.4397, 63.5166



Protanomaly

45.1596, 37.8532, 78.3250



Deuteranomaly

45.6143, 38.2242, 61.4738



Tritanomaly

54.7413, 39.2645, 41.2528

Monochromacy



Original Color

59.3399, 39.4397, 63.5166



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

44.4001, 38.7997, 50.4964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3399, 39.4397, 63.5166 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, 121, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 207)  
}
```

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, 121, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.3399, 39.4397, 63.5166 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, 121, 207) }
```


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

```
.border{ border-color:rgb(255, 121, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3399, 39.4397, 63.5166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 207) }
```

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

```
.background{ background-color: rgb(255,  
121, 207) }
```

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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