

Converting Colors

XYZ(76.8081, 48.0881, 66.7854)

Have a look what the booklet for
XYZ(76.8081, 48.0881, 66.7854)
contains.

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Color

**XYZ(59.5947, 39.1568,
66.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	FF77D3
RGB	255, 119, 211
RGB Percent	100%, 47%, 83%
CMY	0.0000, 0.5333, 0.1725
CMYK	0.00, 0.53, 0.17, 0.00
HSL	319°, 100%, 73%
HSV	319°, 53%, 100%
XYZ	59.5947, 39.1568, 66.0450
YIQ	170.1520, 51.5240, 57.4440

Conversions

Conversions Part 2

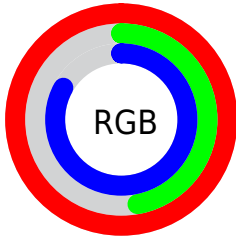
Format	Color
R _Y B	255, 119, 211
Decimal	16742355
CIE _{Lab}	68.86, 62.15, -22.98
CIE _{LCh}	69, 66.267, 339.708
Yxy	39.1568, 0.3616, 0.2376
Android (android.graphics.Color)	4294932435 (0xFFFF77D3)
YUV	170.1520, 20.1381, 74.4117
Hunter-Lab	62.5754, 60.4905, -18.7747

Details

The XYZ color **59.5947, 39.1568, 66.0450** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.9802, 78.0870, 47.0915**, and the grayscale version is **38.1703, 40.1581, 43.7322**.

A 20% lighter version of the original color is **74.8153, 59.5307, 102.1551**, and **30.2291, 17.4477, 33.2270** is the 20% darker color. If you saturate the color by 10%, you get **55.9488, 33.4779, 59.8571**, and if you desaturate by 10%, it is **64.1095, 46.4882, 72.7854**.

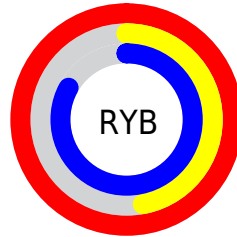
Distribution



Red (100%)

Green (47%)

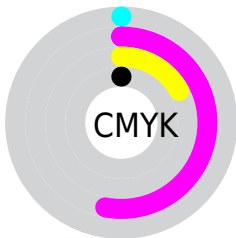
Blue (83%)



Red (100%)

Yellow (47%)

Blue (83%)

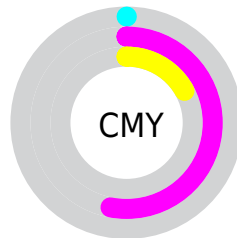


Cyan (0%)

Magenta (53%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5947, 39.1568, 66.0450 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 59.5947, 39.1568, 66.0450 by changing the saturation by 10% instead.


 59.5947, 39.1568,
66.0450

 59.5947, 39.1568,
66.0450


412.9610,
342.5567, 464.9464

 43.3402, 26.8817,
47.8522

 103.3512, 73.8778,
115.1785

 30.3478, 17.4844,
33.3507


 131.5840, 97.0925,
146.9564

 20.2521, 10.5805,
22.1219


 164.5402,
124.7226, 184.0996

 12.6878, 5.7855,
13.7474

202.5853,
157.1523, 227.0269

 7.2894, 2.7151,
7.8084

246.0845,
194.7662, 276.1566

 3.6917, 0.9849,
3.8866

295.4033,

 1.5292, 0.0000,

237.9487, 331.9075

1.5633

350.9070,
287.0840, 394.6979

■ 0.3456, 0.0000,
0.2645

■ 0.0000, 0.0000,
0.0000

■ 59.5947, 39.1568,
66.0450

■ 59.5947, 39.1568,
66.0450

■ 55.9488, 33.4779,
59.8571

■ 64.1095, 46.4882,
72.7854

■ 53.1014, 29.3127,
54.1930

■ 69.5505, 55.5859,
80.0998

■ 50.9756, 26.5079,
49.0235

■ 75.9732, 66.5596,
88.0108

■ 49.4764, 24.8754,
44.3129

■ 83.4278, 79.5085,
96.5390

■ 48.7342, 24.2577,
41.3940

■ 91.9609, 94.5248,
105.7034

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.



51.6929, 39.1568, 104.5292



59.5947, 39.1568, 66.0450



60.9262, 39.1568, 33.5939

Triad

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



59.5947, 39.1568, 66.0450



33.9097, 39.1568, 7.2333



23.7247, 39.1568, 91.3845

Complementary

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



59.5947, 39.1568, 66.0450



49.9802, 78.0870, 47.0915

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.



20.6285, 39.1568, 53.1683



59.5947, 39.1568, 66.0450



25.7330, 39.1568, 11.7945

Square

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



59.5947, 39.1568, 66.0450



44.6819, 39.1568, 8.1144



21.2870, 39.1568, 25.5359



30.6342, 39.1568, 123.3149

Rectangle

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



59.5947, 39.1568, 66.0450



57.6946, 39.1568, 19.8886



21.2870, 39.1568, 25.5359



22.2686, 39.1568, 78.2682

Sweetspot

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



59.5956, 39.1585, 66.0457



81.3341, 75.8532, 94.2010



39.5625, 28.1042, 97.9472



17.0744, 15.6537, 19.7835



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.



59.5956, 39.1585, 66.0457



55.7340, 33.1533, 59.4618



52.8671, 36.4671, 30.6137



18.5280, 18.1945, 21.3975



25.5361, 12.7037, 22.0051



2.5365, 1.2570, 2.4064

Inverse Universe

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



59.5956, 39.1585, 66.0457



55.7340, 33.1533, 59.4618



57.6612, 81.1594, 87.5393



18.5280, 18.1945, 21.3975



25.5361, 12.7037, 22.0051



2.5365, 1.2570, 2.4064

Previews

White Background



This preview shows how the XYZ color 59.5947, 39.1568, 66.0450 looks on a white background.

Color Contrast Check

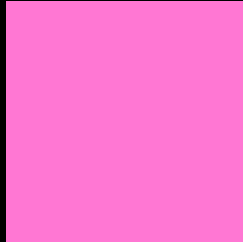
Large Text (above 18pt) WCAG AA × Fail

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 59.5947, 39.1568, 66.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

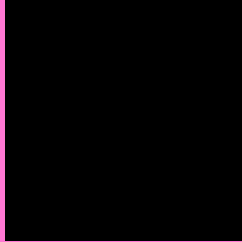
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5947, 39.1568, 66.0450

Background



This preview shows how black text looks on a background with the XYZ color 59.5947, 39.1568, 66.0450.



This preview shows how white text looks on a background with the XYZ color 59.5947, 39.1568,

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

59.5947, 39.1568, 66.0450

Protanopia

41.4261, 39.6770, 92.6638

Deuteranopia

40.1710, 39.4376, 61.9949



Tritanopia

52.2705, 39.0203, 31.1623

Trichromacy



Original Color

59.5947, 39.1568, 66.0450



Protanomaly

44.9839, 37.4454, 81.9476



Deuteranomaly

45.2837, 37.7782, 63.2977



Tritanomaly

54.7018, 39.0369, 41.6976

Monochromacy



Original Color

59.5947, 39.1568, 66.0450



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

43.9110, 38.0535, 50.9296

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5947, 39.1568, 66.0450 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, 119, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 211)  
}
```

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, 119, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 211) }
```

Border

The CSS property to change the border of an element to XYZ 59.5947, 39.1568, 66.0450 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, 119, 211) }
```


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

```
.border{ border-color:rgb(255, 119, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5947, 39.1568, 66.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 211) }
```

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

```
.background{ background-color: rgb(255,  
119, 211) }
```

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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