

Converting Colors

XYZ(60.4720, 39.8926, 69.4786)

Have a look what the booklet for
XYZ(60.4720, 39.8926, 69.4786)
contains.

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Color

**XYZ(60.4720, 39.8926,
69.4786)**

Conversions

Conversions Part 1

Format	Color
Hex	FF79D8
RGB	255, 121, 216
RGB Percent	100%, 47%, 85%
CMY	0.0000, 0.5255, 0.1529
CMYK	0.00, 0.53, 0.15, 0.00
HSL	317°, 100%, 74%
HSV	317°, 53%, 100%
XYZ	60.4720, 39.8926, 69.4786
YIQ	171.8960, 49.3690, 57.9530

Conversions

Conversions Part 2

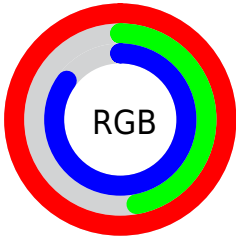
Format	Color
RYB	255, 121, 216
Decimal	16742872
CIELab	69.39, 61.97, -24.96
CIELCh	69, 66.803, 338.064
Yxy	39.8926, 0.3560, 0.2349
Android (android.graphics.Color)	4294932952 (0xFFFF79D8)
YUV	171.8960, 21.7433, 72.8822
Hunter-Lab	63.1606, 60.3707, -21.0084

Details

The XYZ color **60.4720, 39.8926, 69.4786** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.9919, 78.1237, 45.7052**, and the grayscale version is **39.0375, 41.0705, 44.7258**.

A 20% lighter version of the original color is **75.2104, 60.3208, 102.2868**, and **31.0314, 17.9758, 35.5523** is the 20% darker color. If you saturate the color by 10%, you get **56.8346, 34.1187, 63.6387**, and if you desaturate by 10%, it is **64.9736, 47.3250, 75.8213**.

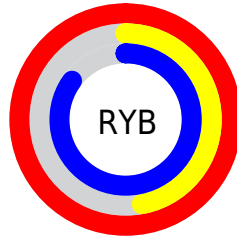
Distribution



Red (100%)

Green (47%)

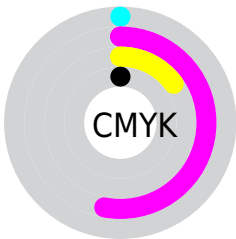
Blue (85%)



Red (100%)

Yellow (47%)

Blue (85%)

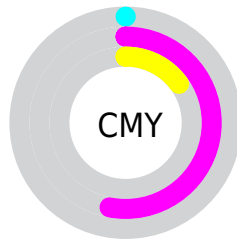


Cyan (0%)

Magenta (53%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4720, 39.8926, 69.4786 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 60.4720, 39.8926, 69.4786 by changing the saturation by 10% instead.


 60.4720, 39.8926,
69.4786

 60.4720, 39.8926,
69.4786


416.1423,
345.6707, 477.4567


 44.0501, 27.4548,
50.6274


 104.6165, 74.9999,
120.1390

 30.9080, 17.9151,
35.5375


 133.0698, 98.4383,
152.7854

 20.6803, 10.8890,
23.7904


 166.2644,
126.3123, 190.8671

 13.0016, 5.9923,
14.9674

204.5654,
159.0063, 234.8029

 7.5067, 2.8404,
8.6502

248.3384,
196.9048, 285.0112

 3.8301, 1.0490,
4.4200

297.9486,

 1.6065, 0.0000,

240.3921, 341.9106

1.8585

353.7615,
289.8526, 405.9196

■ 0.3966, 0.0000,
0.4661

■ 0.0000, 0.0000,
0.0000

■ 60.4720, 39.8926,
69.4786

■ 60.4720, 39.8926,
69.4786

■ 56.8346, 34.1187,
63.6387

■ 64.9736, 47.3250,
75.8213

■ 53.9917, 29.8656,
58.2742

■ 70.3957, 56.5285,
82.6871

■ 51.8676, 26.9825,
53.3575

■ 76.7934, 67.6119,
90.0973

■ 50.3693, 25.2845,
48.8548

■ 84.2163, 80.6738,
98.0711

■ 49.5580, 24.5872,
45.7322

■ 92.7107, 95.8059,
106.6266

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.



52.1227, 39.8926, 108.5963



60.4720, 39.8926, 69.4786



62.2507, 39.8926, 35.6585

Triad

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



60.4720, 39.8926, 69.4786



35.0936, 39.8926, 7.2564



23.8746, 39.8926, 91.0387

Complementary

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



60.4720, 39.8926, 69.4786



49.9919, 78.1237, 45.7052

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.



20.9291, 39.8926, 52.2700



60.4720, 39.8926, 69.4786



26.5593, 39.8926, 11.5349

Square

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



60.4720, 39.8926, 69.4786



46.1636, 39.8926, 8.4362



21.8095, 39.8926, 24.8814



30.7156, 39.8926, 124.6033

Rectangle

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



60.4720, 39.8926, 69.4786



59.2075, 39.8926, 21.1352



21.8095, 39.8926, 24.8814



22.4611, 39.8926, 77.6131

Sweetspot

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



60.4730, 39.8944, 69.4794



81.5338, 75.9331, 95.2523



39.1807, 28.2645, 97.9983



17.1222, 15.6728, 20.0353



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.



60.4730, 39.8944, 69.4794



56.6889, 33.8938, 63.3851



53.5864, 37.1397, 33.2150



18.5541, 18.2049, 21.5349



25.9633, 12.8746, 24.2552



2.5756, 1.2726, 2.6123

Inverse Universe

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



60.4730, 39.8944, 69.4794



56.6889, 33.8938, 63.3851



57.3693, 81.0747, 84.5539



18.5541, 18.2049, 21.5349



25.9633, 12.8746, 24.2552



2.5756, 1.2726, 2.6123

Previews

White Background



This preview shows how the XYZ color 60.4720, 39.8926, 69.4786 looks on a white background.

Color Contrast Check

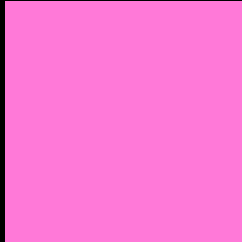
Large Text (above 18pt) WCAG AA × Fail

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 60.4720, 39.8926, 69.4786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

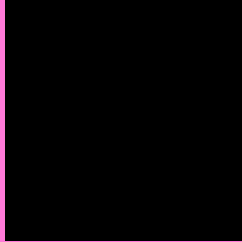
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4720, 39.8926, 69.4786

Background



This preview shows how black text looks on a background with the XYZ color 60.4720, 39.8926, 69.4786.



This preview shows how white text looks on a background with the XYZ color 60.4720, 39.8926,

69.4786.

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

60.4720, 39.8926, 69.4786

Protanopia

42.3866, 40.3533, 96.8217

Deuteranopia

40.9577, 40.0420, 65.2447



Tritanopia

52.9235, 39.9544, 32.5264

Trichromacy



Original Color

60.4720, 39.8926, 69.4786



Protanomaly

45.8674, 38.0530, 85.8164



Deuteranomaly

46.2174, 38.6580, 66.6538



Tritanomaly

55.3464, 39.7204, 43.7795

Monochromacy



Original Color

60.4720, 39.8926, 69.4786



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

44.8255, 38.9699, 52.7363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4720, 39.8926, 69.4786 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 216) }
```

Border

The CSS property to change the border of an element to XYZ 60.4720, 39.8926, 69.4786 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, 216) }
```


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

```
.border{ border-color:rgb(255, 121, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4720, 39.8926, 69.4786 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
121, 216) }
```

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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