

Converting Colors

XYZ(115.6927, 67.3329,
73.4611)

Have a look what the booklet for
XYZ(115.6927, 67.3329, 73.4611)
contains.

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Color

**XYZ(60.0256, 38.5834,
70.6133)**

Conversions

Conversions Part 1

Format	Color
Hex	FF73DA
RGB	255, 115, 218
RGB Percent	100%, 45%, 85%
CMY	0.0000, 0.5490, 0.1451
CMYK	0.00, 0.55, 0.15, 0.00
HSL	316°, 100%, 73%
HSV	316°, 55%, 100%
XYZ	60.0256, 38.5834, 70.6133
YIQ	168.6020, 50.3770, 61.7130

Conversions

Conversions Part 2

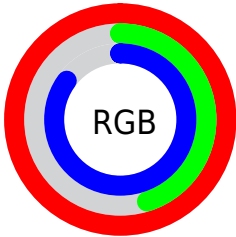
Format	Color
R _Y B	255, 115, 218
Decimal	16741338
CIE Lab	68.45, 64.98, -27.52
CIE LCh	68, 70.563, 337.049
Yxy	38.5834, 0.3547, 0.2280
Android (android.graphics.Color)	4294931418 (0xFFFF73DA)
YUV	168.6020, 24.3532, 75.7710
Hunter-Lab	62.1155, 63.7920, -23.9203

Details

The XYZ color **60.0256, 38.5834, 70.6133** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.4992, 77.4325, 42.0984**, and the grayscale version is **37.3832, 39.3301, 42.8304**.

A 20% lighter version of the original color is **74.0425, 57.9850, 101.8975**, and **30.5307, 17.0748, 36.3369** is the 20% darker color. If you saturate the color by 10%, you get **56.6454, 33.2057, 65.2236**, and if you desaturate by 10%, it is **64.2475, 45.5868, 76.4614**.

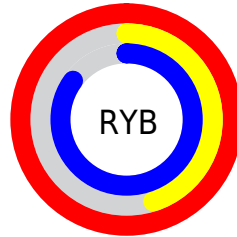
Distribution



Red (100%)

Green (45%)

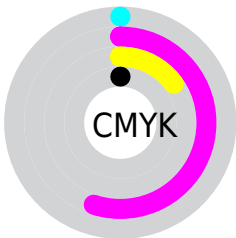
Blue (85%)



Red (100%)

Yellow (45%)

Blue (85%)

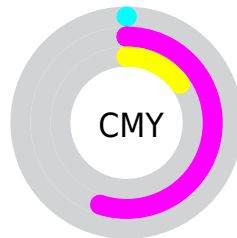


Cyan (0%)

Magenta (55%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0256, 38.5834, 70.6133 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 60.0256, 38.5834, 70.6133 by changing the saturation by 10% instead.


 60.0256, 38.5834,
70.6133


 60.0256, 38.5834,
70.6133

414.5254,
340.1160, 481.5477


 43.6888, 26.4358,
51.5468

 103.9729, 73.0015,
121.7723

 30.6228, 17.1499,
36.2642


 132.3142, 96.0407,
154.7018

 20.4622, 10.3415,
24.3470


 165.3876,
123.4793, 193.0894

 12.8417, 5.6259,
15.3767

203.5587,
155.7016, 237.3536

 7.3959, 2.6190,
8.9346

247.1926,
193.0920, 287.9130

 3.7594, 0.9362,
4.6023

296.6548,

 1.5669, 0.0000,

236.0350, 345.1862

1.9613

352.3106,
284.9148, 409.5915

■ 0.3707, 0.0000,
0.5313

■ 0.0000, 0.0000,
0.0000

■ 60.0256, 38.5834,
70.6133

■ 60.0256, 38.5834,
70.6133

■ 56.6454, 33.2057,
65.2236

■ 64.2475, 45.5868,
76.4614

■ 54.0356, 29.3123,
60.2652

■ 69.3692, 54.3317,
82.7879

■ 52.1174, 26.7460,
55.7100

■ 75.4464, 64.9291,
89.6140

■ 50.7927, 25.3115,
51.5233

■ 82.5298, 77.4794,
96.9584

■ 50.2746, 24.8738,
49.5053

■ 90.6662, 92.0757,
104.8387

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.



51.0811, 38.5834, 112.0471



60.0256, 38.5834, 70.6133



62.1717, 38.5834, 34.9523

Triad

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



60.0256, 38.5834, 70.6133



34.1170, 38.5834, 5.8740



22.1484, 38.5834, 90.6021

Complementary

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



60.0256, 38.5834, 70.6133



48.4992, 77.4325, 42.0984

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.



19.3173, 38.5834, 49.9607



60.0256, 38.5834, 70.6133



25.2652, 38.5834, 9.6866

Square

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



60.0256, 38.5834, 70.6133



45.6334, 38.5834, 7.1327



20.3305, 38.5834, 22.4105



28.9687, 38.5834, 127.0892

Rectangle

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



60.0256, 38.5834, 70.6133



59.1350, 38.5834, 19.9066



20.3305, 38.5834, 22.4105



20.7686, 38.5834, 76.3578

Sweetspot

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



60.0265, 38.5851, 70.6140



81.6993, 75.9993, 96.1239



36.7602, 25.9676, 97.6825



17.1619, 15.6887, 20.2442



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.



60.0265, 38.5851, 70.6140



56.3216, 32.7070, 64.6571



52.8770, 35.7253, 32.9652



18.5757, 18.2136, 21.6485



26.3345, 13.0231, 26.2096



2.6092, 1.2861, 2.7896

Inverse Universe

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



60.0265, 38.5851, 70.6140



56.3216, 32.7070, 64.6571



55.7497, 80.3327, 80.2788



18.5757, 18.2136, 21.6485



26.3345, 13.0231, 26.2096



2.6092, 1.2861, 2.7896

Previews

White Background



This preview shows how the XYZ color 60.0256, 38.5834, 70.6133 looks on a white background.

Color Contrast Check

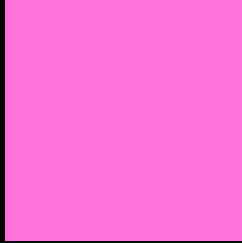
Large Text (above 18pt) WCAG AA × Fail

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 60.0256, 38.5834, 70.6133 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 60.0256, 38.5834, 70.6133

Background



This preview shows how black text looks on a background with the XYZ color 60.0256, 38.5834, 70.6133.



This preview shows how white text looks on a background with the XYZ color 60.0256, 38.5834,

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

60.0256, 38.5834, 70.6133

Protanopia

41.3171, 38.9218, 99.9428

Deuteranopia

39.6063, 38.7811, 66.3708



Tritanopia

51.6278, 38.5022, 30.3018

Trichromacy



Original Color

60.0256, 38.5834, 70.6133



Protanomaly

44.8963, 36.5523, 88.6934



Deuteranomaly

44.7948, 36.9640, 67.7246



Tritanomaly

54.1409, 38.1480, 42.5400

Monochromacy



Original Color

60.0256, 38.5834, 70.6133



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

43.5365, 37.3621, 51.9307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0256, 38.5834, 70.6133 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, 115, 218)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 218)  
}
```

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, 115, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 218) }
```

Border

The CSS property to change the border of an element to XYZ 60.0256, 38.5834, 70.6133 is called "border". The border property can be set on classes, ids or directly on the HTML element.

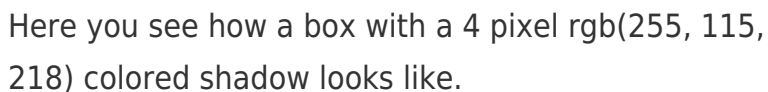
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 115, 218) }
```


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

```
.border{ border-color:rgb(255, 115, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 115, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 218);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0256, 38.5834, 70.6133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 218) }
```

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

```
.background{ background-color: rgb(255,  
115, 218) }
```

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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