

Converting Colors

XYZ(68.8392, 43.3176, 73.9272)

Have a look what the booklet for
XYZ(68.8392, 43.3176, 73.9272)
contains.

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Color

**XYZ(60.6702, 39.0247,
73.4421)**

Conversions

Conversions Part 1

Format	Color
Hex	FF74DE
RGB	255, 116, 222
RGB Percent	100%, 45%, 87%
CMY	0.0000, 0.5451, 0.1294
CMYK	0.00, 0.55, 0.13, 0.00
HSL	314°, 100%, 73%
HSV	314°, 55%, 100%
XYZ	60.6702, 39.0247, 73.4421
YIQ	169.6450, 48.8180, 62.4340

Conversions

Conversions Part 2

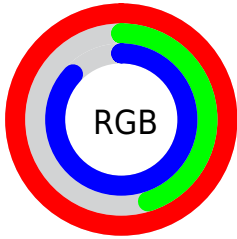
Format	Color
R _Y B	255, 116, 222
Decimal	16741598
CIE _{Lab}	68.77, 65.12, -29.24
CIE _{LCh}	69, 71.390, 335.817
Y _{xy}	39.0247, 0.3504, 0.2254
Android (android.graphics.Color)	4294931678 (0xFFFF74DE)
YUV	169.6450, 25.8110, 74.8563
Hunter-Lab	62.4698, 64.0359, -25.9750

Details

The XYZ color **60.6702, 39.0247, 73.4421** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.3887, 77.4036, 40.8265**, and the grayscale version is **37.8920, 39.8653, 43.4133**.

A 20% lighter version of the original color is **74.2336, 58.3671, 101.9612**, and **30.9938, 17.4182, 38.2877** is the 20% darker color. If you saturate the color by 10%, you get **57.3268, 33.6133, 68.3961**, and if you desaturate by 10%, it is **64.8510, 46.0641, 78.9119**.

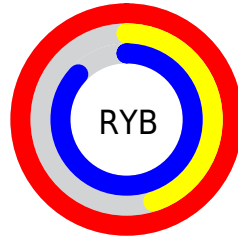
Distribution



Red (100%)

Green (45%)

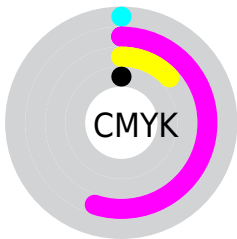
Blue (87%)



Red (100%)

Yellow (45%)

Blue (87%)

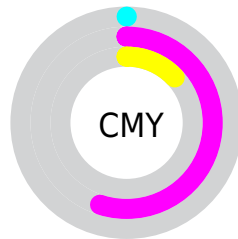


Cyan (0%)

Magenta (55%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6702, 39.0247, 73.4421 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 60.6702, 39.0247, 73.4421 by changing the saturation by 10% instead.


 60.6702, 39.0247,
73.4421


 60.6702, 39.0247,
73.4421


416.8590,
341.9955, 491.6574


 44.2106, 26.7789,
53.8435


 104.9021, 73.6761,
125.8314

 31.0347, 17.4073,
38.0842


 133.4051, 96.8504,
159.4591

 20.7772, 10.5253,
25.7457


 166.6532,
124.4365, 198.6003

 13.0728, 5.7486,
16.4095

205.0119,
156.8186, 243.6736

 7.5560, 2.6928,
9.6569

248.8465,
194.3811, 295.0974

 3.8616, 0.9736,
5.0694

298.5223,

 1.6241, 0.0000,

237.5086, 353.2902

2.2286

354.4047,
286.5852, 418.6707

■ 0.4081, 0.0000,
0.6908

■ 0.0000, 0.0000,
0.0000

■ 60.6702, 39.0247,
73.4421

■ 60.6702, 39.0247,
73.4421

■ 57.3268, 33.6133,
68.3961

■ 64.8510, 46.0641,
78.9119

■ 54.7502, 29.6892,
63.7475

■ 69.9270, 54.8468,
84.8249

■ 52.8620, 27.0964,
59.4691

■ 75.9536, 65.4833,
91.2015

■ 51.5653, 25.6415,
55.5272

■ 82.9812, 78.0737,
98.0598

■ 51.0292, 25.1757,
53.4793

■ 91.0563, 92.7106,
105.4169

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.



51.3251, 39.0247, 115.6198



60.6702, 39.0247, 73.4421



63.1977, 39.0247, 36.4874

Triad

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



60.6702, 39.0247, 73.4421



34.9315, 39.0247, 5.7722



22.1077, 39.0247, 90.3373

Complementary

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



60.6702, 39.0247, 73.4421



48.3887, 77.4036, 40.8265

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.



19.3943, 39.0247, 49.1200



60.6702, 39.0247, 73.4421



25.7680, 39.0247, 9.3591

Square

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



60.6702, 39.0247, 73.4421



46.7299, 39.0247, 7.2409



20.5835, 39.0247, 21.7479



28.8794, 39.0247, 128.3619

Rectangle

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



60.6702, 39.0247, 73.4421



60.3070, 39.0247, 20.7338



20.5835, 39.0247, 21.7479



20.7610, 39.0247, 75.7856

Sweetspot

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



60.6711, 39.0264, 73.4429



81.8665, 76.0662, 97.0047



36.5885, 26.0493, 97.7073



17.2020, 15.7047, 20.4555



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.



60.6711, 39.0264, 73.4429



57.1824, 33.3861, 68.1578



53.2419, 36.0547, 34.3212



18.5974, 18.2223, 21.7630



26.7250, 13.1793, 28.2658



2.6444, 1.3001, 2.9748

Inverse Universe

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



60.6711, 39.0264, 73.4429



57.1824, 33.3861, 68.1578



55.6098, 80.2921, 78.8522



18.5974, 18.2223, 21.7630



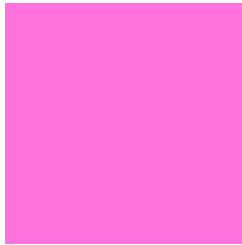
26.7250, 13.1793, 28.2658



2.6444, 1.3001, 2.9748

Previews

White Background



This preview shows how the XYZ color 60.6702, 39.0247, 73.4421 looks on a white background.

Color Contrast Check

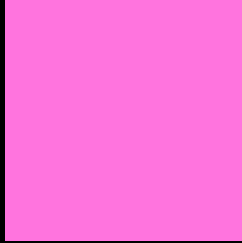
Large Text (above 18pt) WCAG AA × Fail

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 60.6702, 39.0247, 73.4421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

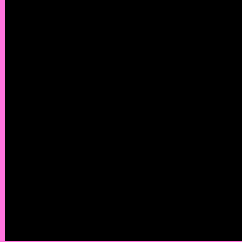
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.6702, 39.0247, 73.4421

Background



This preview shows how black text looks on a background with the XYZ color 60.6702, 39.0247, 73.4421.



This preview shows how white text looks on a background with the XYZ color 60.6702, 39.0247,

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

60.6702, 39.0247, 73.4421

Protanopia

41.6585, 39.3645, 100.0102

Deuteranopia

40.0899, 39.2389, 69.0792



Tritanopia

51.9169, 38.8380, 31.1457

Trichromacy



Original Color

60.6702, 39.0247, 73.4421



Protanomaly

45.2018, 36.9222, 89.5383



Deuteranomaly

45.4638, 37.4793, 70.4837



Tritanomaly

54.4601, 38.4813, 43.5870

Monochromacy



Original Color

60.6702, 39.0247, 73.4421



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

44.1790, 37.9043, 53.1319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6702, 39.0247, 73.4421 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, 116, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 222)  
}
```

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, 116, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.6702, 39.0247, 73.4421 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, 116, 222) }
```


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

```
.border{ border-color:rgb(255, 116, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6702, 39.0247, 73.4421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 222) }
```

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

```
.background{ background-color: rgb(255,  
116, 222) }
```

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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