

Converting Colors

XYZ(60.5943, 38.5015, 74.5616)

Have a look what the booklet for
XYZ(60.5943, 38.5015, 74.5616)
contains.

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Color

**XYZ(60.5997, 38.4521,
74.7490)**

Conversions

Conversions Part 1

Format	Color
Hex	FF71E0
RGB	255, 113, 224
RGB Percent	100%, 44%, 88%
CMY	0.0000, 0.5568, 0.1216
CMYK	0.00, 0.56, 0.12, 0.00
HSL	313°, 100%, 72%
HSV	313°, 56%, 100%
XYZ	60.5997, 38.4521, 74.7490
YIQ	168.1120, 49.0010, 64.6250

Conversions

Conversions Part 2

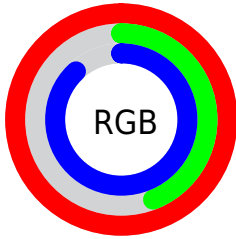
Format	Color
RYB	255, 113, 224
Decimal	16740832
CIELab	68.35, 66.75, -31.00
CIElCh	68, 73.600, 335.092
Yxy	38.4521, 0.3487, 0.2212
Android (android.graphics.Color)	4294930912 (0xFFFF71E0)
YUV	168.1120, 27.5528, 76.2008
Hunter-Lab	62.0098, 65.9240, -28.0637

Details

The XYZ color **60.5997, 38.4521, 74.7490** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.6055, 77.0450, 38.7503**, and the grayscale version is **37.1279, 39.0615, 42.5379**.

A 20% lighter version of the original color is **73.6647, 57.2295, 101.7716**, and **30.8467, 16.9755, 38.6966** is the 20% darker color. If you saturate the color by 10%, you get **57.4011, 33.2435, 70.0188**, and if you desaturate by 10%, it is **64.6237, 45.2718, 79.8773**.

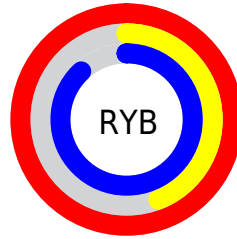
Distribution



Red (100%)

Green (44%)

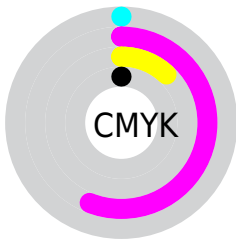
Blue (88%)



Red (100%)

Yellow (44%)

Blue (88%)

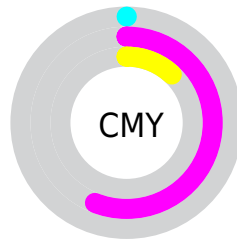


Cyan (0%)

Magenta (56%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5997, 38.4521, 74.7490 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 60.5997, 38.4521, 74.7490 by changing the saturation by 10% instead.


 60.5997, 38.4521,
74.7490


 60.5997, 38.4521,
74.7490


416.6041,
339.5554, 496.2868


 44.1535, 26.3338,
54.9068

 104.8005, 72.8006,
127.7008

 30.9896, 17.0735,
38.9290


 133.2859, 95.7995,
161.6475

 20.7427, 10.2869,
26.3971


 166.5149,
123.1940, 201.1328

 13.0475, 5.5896,
16.8925

204.8531,
155.3686, 246.5752

 7.5385, 2.5972,
9.9967

248.6658,
192.7077, 298.3933

 3.8504, 0.9252,
5.2912

298.3183,

 1.6178, 0.0000,

235.5956, 357.0055

2.3574

354.1759,
284.4167, 422.8305

■ 0.4040, 0.0000,
0.7631

■ 0.0000, 0.0000,
0.0000

■ 60.5997, 38.4521,
74.7490

■ 60.5997, 38.4521,
74.7490

■ 57.4011, 33.2435,
70.0188

■ 64.6237, 45.2718,
79.8773

■ 54.9563, 29.5034,
65.6601

■ 69.5316, 53.8195,
85.4229

■ 53.1855, 27.0723,
61.6458

■ 75.3796, 64.2069,
91.4060

■ 51.9887, 25.7511,
57.9414

■ 82.2182, 76.5349,
97.8447

■ 51.5871, 25.3988,
56.4170

■ 90.0943, 90.8971,
104.7557

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.



50.8495, 38.4521, 118.3853



60.5997, 38.4521, 74.7490



63.4114, 38.4521, 36.4756

Triad

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



60.5997, 38.4521, 74.7490



34.6128, 38.4521, 5.1068



21.2292, 38.4521, 90.0724

Complementary

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



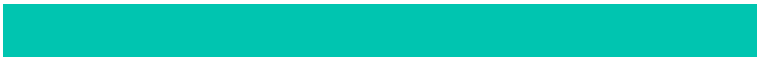
60.5997, 38.4521, 74.7490



47.6055, 77.0450, 38.7503

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.



18.5984, 38.4521, 47.7669



60.5997, 38.4521, 74.7490



25.2153, 38.4521, 8.4218

Square

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



60.5997, 38.4521, 74.7490



46.7145, 38.4521, 6.6296



19.8871, 38.4521, 20.3978



27.9744, 38.4521, 130.0290

Rectangle

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



60.5997, 38.4521, 74.7490



60.5574, 38.4521, 20.2832



19.8871, 38.4521, 20.3978



19.9072, 38.4521, 75.0224

Sweetspot

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



60.6006, 38.4537, 74.7497



81.2595, 74.7975, 96.9703



35.4178, 24.9407, 97.5551



17.0871, 15.4567, 20.4734



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.



60.6006, 38.4537, 74.7497



57.0377, 32.6703, 69.4242



52.9154, 35.3797, 34.2804



18.6129, 18.2285, 21.8446



27.0134, 13.2946, 29.7846



2.6702, 1.3105, 3.1109

Inverse Universe

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



60.6006, 38.4537, 74.7497



57.0377, 32.6703, 69.4242



54.8070, 79.9256, 76.6728



18.6129, 18.2285, 21.8446



27.0134, 13.2946, 29.7846



2.6702, 1.3105, 3.1109

Previews

White Background



This preview shows how the XYZ color 60.5997, 38.4521, 74.7490 looks on a white background.

Color Contrast Check

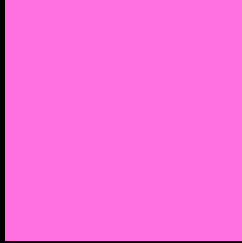
Large Text (above 18pt) WCAG AA × Fail

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 60.5997, 38.4521, 74.7490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

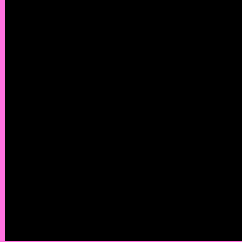
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5997, 38.4521, 74.7490

Background



This preview shows how black text looks on a background with the XYZ color 60.5997, 38.4521, 74.7490.



This preview shows how white text looks on a background with the XYZ color 60.5997, 38.4521,

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

60.5997, 38.4521, 74.7490

Protanopia

41.1570, 38.8393, 99.9353

Deuteranopia

39.5748, 38.6769, 70.3453



Tritanopia

51.2760, 38.3209, 30.2853

Trichromacy



Original Color

60.5997, 38.4521, 74.7490



Protanomaly

44.8146, 36.2474, 90.2224



Deuteranomaly

44.9039, 36.7027, 71.7355



Tritanomaly

53.9742, 38.0400, 43.5274

Monochromacy



Original Color

60.5997, 38.4521, 74.7490



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

43.4864, 37.0900, 52.4441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5997, 38.4521, 74.7490 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, 113, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 224)  
}
```

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, 113, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 224) }
```

Border

The CSS property to change the border of an element to XYZ 60.5997, 38.4521, 74.7490 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, 113, 224) }
```


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

```
.border{ border-color:rgb(255, 113, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5997, 38.4521, 74.7490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 224) }
```

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

```
.background{ background-color: rgb(255,  
113, 224) }
```

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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