

Converting Colors

XYZ(60.0634, 38.2376, 71.9250)

Have a look what the booklet for
XYZ(60.0634, 38.2376, 71.9250)
contains.

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Color

**XYZ(60.0634, 38.2376,
71.9250)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF71DC |
| RGB | 255, 113, 220 |
| RGB Percent | 100%, 44%, 86% |
| CMY | 0.0000, 0.5568, 0.1373 |
| CMYK | 0.00, 0.56, 0.14, 0.00 |
| HSL | 315°, 100%, 72% |
| HSV | 315°, 56%, 100% |
| XYZ | 60.0634, 38.2376, 71.9250 |
| YIQ | 167.6560, 50.2850, 63.3810 |

Conversions

Conversions Part 2

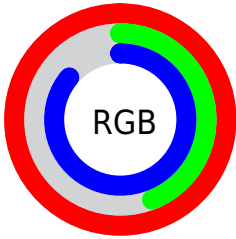
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 113, 220 |
| Decimal | 16740828 |
| CIE Lab | 68.20, 66.16, -29.02 |
| CIE LCh | 68, 72.242, 336.317 |
| Yxy | 38.2376, 0.3528, 0.2246 |
| Android (android.graphics.Color) | 4294930908 (0xFFFF71DC) |
| YUV | 167.6560, 25.8056, 76.6007 |
| Hunter-Lab | 61.8366, 65.1675, -25.6774 |

Details

The XYZ color **60.0634, 38.2376, 71.9250** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.9169, 77.1695, 40.3896**, and the grayscale version is **36.9127, 38.8351, 42.2914**.

A 20% lighter version of the original color is **73.6647, 57.2295, 101.7716**, and **30.6164, 16.9570, 37.2567** is the 20% darker color. If you saturate the color by 10%, you get **56.7907, 32.9994, 66.8041**, and if you desaturate by 10%, it is **64.1682, 45.0896, 77.4786**.

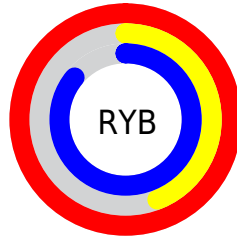
Distribution



Red (100%)

Green (44%)

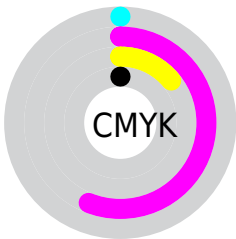
Blue (86%)



Red (100%)

Yellow (44%)

Blue (86%)

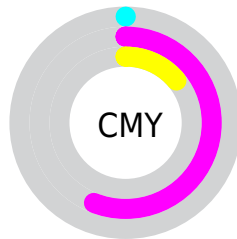


Cyan (0%)

Magenta (56%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0634, 38.2376, 71.9250 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 60.0634, 38.2376, 71.9250 by changing the saturation by 10% instead.


 60.0634, 38.2376,
71.9250

 60.0634, 38.2376,
71.9250


414.6624,
338.6381, 486.2510


 43.7194, 26.1671,
52.6110

 104.0275, 72.4722,
123.6566

 30.6469, 16.9487,
37.1067


 132.3782, 95.4051,
156.9113

 20.4806, 10.1979,
24.9937


 165.4619,
122.7276, 195.6499

 12.8552, 5.5304,
15.8534

203.6440,
154.8241, 240.2910

 7.4052, 2.5617,
9.2672

247.2897,
192.0790, 291.2531

 3.7654, 0.9075,
4.8167

296.7644,

 1.5703, 0.0000,

234.8767, 348.9548

2.0833

352.4336,
283.6016, 413.8146

■ 0.3729, 0.0000,
0.6058

■ 0.0000, 0.0000,
0.0000

■ 60.0634, 38.2376,
71.9250

■ 60.0634, 38.2376,
71.9250

■ 56.7907, 32.9994,
66.8041

■ 64.1682, 45.0896,
77.4786

■ 54.2781, 29.2321,
62.0889

■ 69.1636, 53.6723,
83.4847

■ 52.4459, 26.7765,
57.7516

■ 75.1058, 64.0974,
89.9641

■ 51.1941, 25.4333,
53.7570

■ 82.0455, 76.4660,
96.9353

■ 50.7706, 25.0722,
52.1173

■ 90.0298, 90.8714,
104.4156

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.



50.7730, 38.2376, 114.4860



60.0634, 38.2376, 71.9250



62.4655, 38.2376, 35.1624

Triad

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



60.0634, 38.2376, 71.9250



34.0075, 38.2376, 5.3736



21.5107, 38.2376, 90.3645

Complementary

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



60.0634, 38.2376, 71.9250



47.9169, 77.1695, 40.3896

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.



18.7581, 38.2376, 48.8551



60.0634, 38.2376, 71.9250



24.9453, 38.2376, 8.9487

Square

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



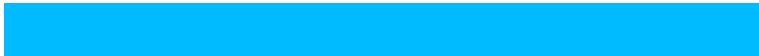
60.0634, 38.2376, 71.9250



45.7772, 38.2376, 6.7121



19.8707, 38.2376, 21.3252



28.3043, 38.2376, 128.4419

Rectangle

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



60.0634, 38.2376, 71.9250



59.4758, 38.2376, 19.7097



19.8707, 38.2376, 21.3252



20.1541, 38.2376, 75.7189

Sweetspot

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



60.0643, 38.2393, 71.9257



81.0731, 74.7230, 95.9887



35.8348, 25.1557, 97.5746



17.0428, 15.4390, 20.2400



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.



60.0643, 38.2393, 71.9257



56.4180, 32.4223, 66.1606



52.7215, 35.3021, 33.2590



18.5901, 18.2193, 21.7243



26.5912, 13.1258, 27.5614



2.6324, 1.2953, 2.9115

Inverse Universe

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



60.0643, 38.2393, 71.9257



56.4180, 32.4223, 66.1606



55.1130, 80.0480, 78.2840



18.5901, 18.2193, 21.7243



26.5912, 13.1258, 27.5614



2.6324, 1.2953, 2.9115

Previews

White Background



This preview shows how the XYZ color 60.0634, 38.2376, 71.9250 looks on a white background.

Color Contrast Check

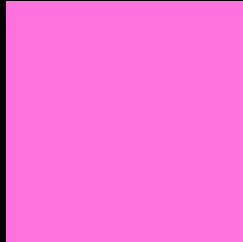
Large Text (above 18pt) WCAG AA × Fail

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 60.0634, 38.2376, 71.9250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

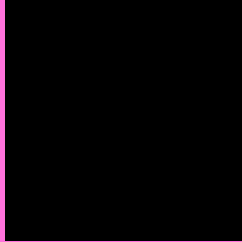
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0634, 38.2376, 71.9250

Background



This preview shows how black text looks on a background with the XYZ color 60.0634, 38.2376, 71.9250.



This preview shows how white text looks on a background with the XYZ color 60.0634, 38.2376,

71.9250.

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

60.0634, 38.2376, 71.9250

Protanopia

41.1570, 38.8393, 99.9353

Deuteranopia

39.2789, 38.3188, 67.6134



Tritanopia

51.4168, 38.1998, 29.8626

Trichromacy



Original Color

60.0634, 38.2376, 71.9250



Protanomaly

44.5125, 36.1266, 88.6315



Deuteranomaly

44.6393, 36.6264, 69.0068



Tritanomaly

54.0137, 37.8935, 42.4976

Monochromacy



Original Color

60.0634, 38.2376, 71.9250



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

43.3790, 37.0470, 51.8782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0634, 38.2376, 71.9250 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 220)  
}
```

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, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 220) }
```

Border

The CSS property to change the border of an element to XYZ 60.0634, 38.2376, 71.9250 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, 220) }
```


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

```
.border{ border-color:rgb(255, 113, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 113, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 113, 220); box-shadow:4px 4px 4px 4px rgb(255, 113, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0634, 38.2376, 71.9250 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, 220) }
```

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

```
.background{ background-color: rgb(255,  
113, 220) }
```

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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