

Converting Colors

XYZ(60.7548, 38.3724, 76.0092)

Have a look what the booklet for
XYZ(60.7548, 38.3724, 76.0092)
contains.

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Color

**XYZ(60.7616, 38.3393,
76.1492)**

Conversions

Conversions Part 1

Format	Color
Hex	FF70E2
RGB	255, 112, 226
RGB Percent	100%, 44%, 89%
CMY	0.0000, 0.5608, 0.1137
CMYK	0.00, 0.56, 0.11, 0.00
HSL	312°, 100%, 72%
HSV	312°, 56%, 100%
XYZ	60.7616, 38.3393, 76.1492
YIQ	167.7530, 48.6340, 65.7700

Conversions

Conversions Part 2

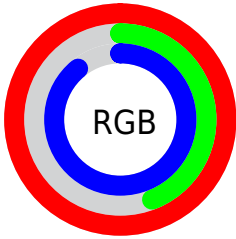
Format	Color
R_{YB}	255, 112, 226
Decimal	16740578
CIE _{Lab}	68.27, 67.49, -32.23
CIE _{LCh}	68, 74.795, 334.471
Yxy	38.3393, 0.3467, 0.2188
Android (android.graphics.Color)	4294930658 (0xFFFF70E2)
YUV	167.7530, 28.7158, 76.5156
Hunter-Lab	61.9187, 66.8064, -29.5732

Details

The XYZ color **60.7616, 38.3393, 76.1492** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.2512, 76.8885, 37.5524**, and the grayscale version is **36.9468, 38.8709, 42.3305**.

A 20% lighter version of the original color is **73.4780, 56.8559, 101.7093**, and **30.9894, 16.9604, 39.6706** is the 20% darker color. If you saturate the color by 10%, you get **57.6368, 33.2082, 71.6593**, and if you desaturate by 10%, it is **64.7061, 45.0751, 81.0188**.

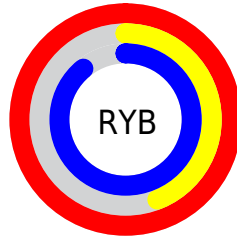
Distribution



Red (100%)

Green (44%)

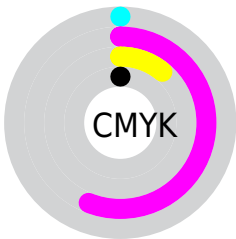
Blue (89%)



Red (100%)

Yellow (44%)

Blue (89%)

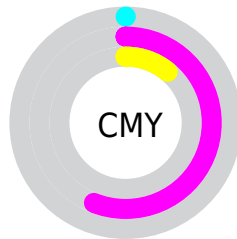


Cyan (0%)

Magenta (56%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7616, 38.3393, 76.1492 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 60.7616, 38.3393, 76.1492 by changing the saturation by 10% instead.


 60.7616, 38.3393,
76.1492


 60.7616, 38.3393,
76.1492


417.1892,
339.0732, 501.2187

 44.2846, 26.2461,
56.0475


 105.0337, 72.6279,
129.6998

 31.0932, 17.0079,
39.8367


 133.5596, 95.5921,
163.9858

 20.8220, 10.2401,
27.0985


 166.8325,
122.9488, 203.8369

 13.1057, 5.5584,
17.4141

205.2177,
155.0824, 249.6717

 7.5788, 2.5785,
10.3651

249.0806,
192.3772, 301.9087

 3.8762, 0.9159,
5.5329

298.7866,

 1.6323, 0.0000,

235.2177, 360.9666

2.4991

354.7010,
283.9883, 427.2637

■ 0.4133, 0.0000,
0.8397

■ 0.0000, 0.0000,
0.0000

■ 60.7616, 38.3393,
76.1492

■ 60.7616, 38.3393,
76.1492

■ 57.6368, 33.2082,
71.6593

■ 64.7061, 45.0751,
81.0188

■ 55.2596, 29.5384,
67.5229

■ 69.5288, 53.5330,
86.2872

■ 53.5496, 27.1695,
63.7127

■ 75.2860, 63.8252,
91.9745

■ 52.4061, 25.9002,
60.1941

■ 82.0285, 76.0528,
98.0986

■ 52.0535, 25.5854,
58.8732

■ 89.8034, 90.3096,
104.6759

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.



50.7239, 38.3393, 120.6419



60.7616, 38.3393, 76.1492



63.8051, 38.3393, 36.9183

Triad

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



60.7616, 38.3393, 76.1492



34.7135, 38.3393, 4.8150



20.8543, 38.3393, 89.8982

Complementary

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



60.7616, 38.3393, 76.1492



47.2512, 76.8885, 37.5524

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.



18.2899, 38.3393, 46.9751



60.7616, 38.3393, 76.1492



25.1267, 38.3393, 7.9611

Square

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



60.7616, 38.3393, 76.1492



47.0282, 38.3393, 6.4094



19.6679, 38.3393, 19.6690



27.5744, 38.3393, 131.1285

Rectangle

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



60.7616, 38.3393, 76.1492



61.0089, 38.3393, 20.3295



19.6679, 38.3393, 19.6690



19.5517, 38.3393, 74.5498

Sweetspot

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



60.7625, 38.3409, 76.1499



81.3627, 74.8388, 97.5137



34.7625, 24.4381, 97.4926



17.1117, 15.4666, 20.6027



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.



60.7625, 38.3409, 76.1499



57.3868, 32.8099, 71.2625



52.9434, 35.2133, 34.9749



18.6255, 18.2335, 21.9111



27.2544, 13.3910, 31.0536



2.6917, 1.3191, 3.2241

Inverse Universe

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



60.7625, 38.3409, 76.1499



57.3868, 32.8099, 71.2625



54.3396, 79.7238, 74.8792



18.6255, 18.2335, 21.9111



27.2544, 13.3910, 31.0536



2.6917, 1.3191, 3.2241

Previews

White Background



This preview shows how the XYZ color 60.7616, 38.3393, 76.1492 looks on a white background.

Color Contrast Check

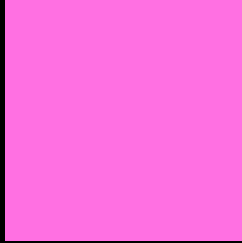
Large Text (above 18pt) WCAG AA × Fail

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 60.7616, 38.3393, 76.1492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

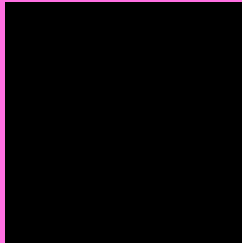
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7616, 38.3393, 76.1492

Background



This preview shows how black text looks on a background with the XYZ color 60.7616, 38.3393, 76.1492.



This preview shows how white text looks on a background with the XYZ color 60.7616, 38.3393,

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

60.7616, 38.3393, 76.1492

Protanopia

41.1570, 38.8393, 99.9353

Deuteranopia

39.5101, 38.6286, 71.0193



Tritanopia

51.2760, 38.3209, 30.2853

Trichromacy



Original Color

60.7616, 38.3393, 76.1492



Protanomaly

44.8146, 36.2474, 90.2224



Deuteranomaly

44.7819, 36.6246, 72.4191



Tritanomaly

53.9434, 37.8241, 43.9928

Monochromacy



Original Color

60.7616, 38.3393, 76.1492



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

43.5946, 37.1333, 53.0139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7616, 38.3393, 76.1492 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, 112, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 226)  
}
```

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, 112, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.7616, 38.3393, 76.1492 is called "border". The border property can be set on classes, ids or directly on the HTML element.

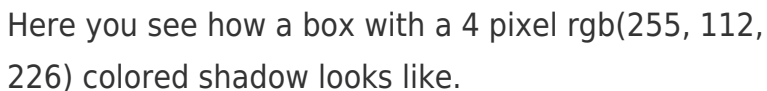
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 112, 226) }
```


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

```
.border{ border-color:rgb(255, 112, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 112, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 112, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 112, 226); box-shadow:4px 4px 4px 4px rgb(255, 112, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7616, 38.3393, 76.1492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 226) }
```

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

```
.background{ background-color: rgb(255,  
112, 226) }
```

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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