

Converting Colors

XYZ(60.2239, 37.2840, 75.9077)

Have a look what the booklet for
XYZ(60.2239, 37.2840, 75.9077)
contains.

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Color

**XYZ(60.2252, 37.2664,
75.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BE2
RGB	255, 107, 226
RGB Percent	100%, 42%, 89%
CMY	0.0000, 0.5804, 0.1137
CMYK	0.00, 0.58, 0.11, 0.00
HSL	312°, 100%, 71%
HSV	312°, 58%, 100%
XYZ	60.2252, 37.2664, 75.9704
YIQ	164.8180, 50.0090, 68.3850

Conversions

Conversions Part 2

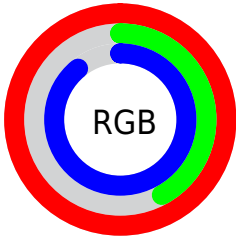
Format	Color
R _Y B	255, 107, 226
Decimal	16739298
CIE Lab	67.48, 69.64, -33.46
CIE LCh	67, 77.264, 334.335
Yxy	37.2664, 0.3472, 0.2148
Android (android.graphics.Color)	4294929378 (0xFFFF6BE2)
YUV	164.8180, 30.1627, 79.0896
Hunter-Lab	61.0462, 69.2685, -31.0525

Details

The XYZ color **60.2252, 37.2664, 75.9704** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.2687, 76.4240, 35.6078**, and the grayscale version is **35.5218, 37.3717, 40.6978**.

A 20% lighter version of the original color is **72.7451, 55.3903, 101.4650**, and **30.6998, 16.3812, 39.5740** is the 20% darker color. If you saturate the color by 10%, you get **57.2719, 32.4412, 71.6525**, and if you desaturate by 10%, it is **63.9837, 43.6699, 80.6562**.

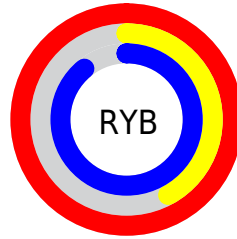
Distribution



Red (100%)

Green (42%)

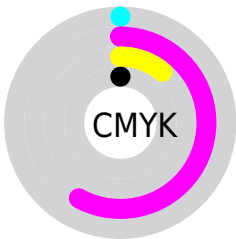
Blue (89%)



Red (100%)

Yellow (42%)

Blue (89%)

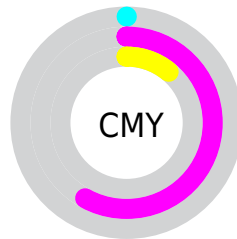


Cyan (0%)

Magenta (58%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.2252, 37.2664, 75.9704 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 60.2252, 37.2664, 75.9704 by changing the saturation by 10% instead.


 60.2252, 37.2664,
75.9704


 60.2252, 37.2664,
75.9704

415.2488,
334.4625, 500.5905


 43.8503, 25.4138,
55.9017


 104.2608, 70.9823,
129.4448

 30.7503, 16.3856,
39.7207

 132.6522, 93.6144,
163.6875

 20.5597, 9.7974,
27.0087


 165.7798,
120.6085, 203.4921

 12.9131, 5.2649,
17.3473

204.0090,
152.3490, 249.2770

 7.4453, 2.4035,
10.3178

247.7052,
189.2202, 301.4607

 3.7909, 0.8277,
5.5018

297.2336,

 1.5845, 0.0000,

231.6066, 360.4619

2.4808

352.9597,
279.8926, 426.6989

■ 0.3823, 0.0000,
0.8299

■ 0.0000, 0.0000,
0.0000

■ 60.2252, 37.2664,
75.9704

■ 60.2252, 37.2664,
75.9704

■ 57.2719, 32.4412,
71.6525

■ 63.9837, 43.6699,
80.6562

■ 55.0501, 29.0473,
67.6758

■ 68.6076, 51.7720,
85.7294

■ 53.4764, 26.9181,
64.0120

■ 74.1542, 61.6870,
91.2104

■ 52.4366, 25.8256,
60.6223

■ 80.6749, 73.5176,
97.1172

■ 52.2633, 25.6693,
59.9782

■ 88.2176, 87.3590,
103.4663

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.



49.9126, 37.2664, 121.9950



60.2252, 37.2664, 75.9704



63.3930, 37.2664, 35.8345

Triad

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



60.2252, 37.2664, 75.9704



33.7235, 37.2664, 4.0718



19.7221, 37.2664, 89.7237

Complementary

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



60.2252, 37.2664, 75.9704



46.2687, 76.4240, 35.6078

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.



17.1919, 37.2664, 45.7201



60.2252, 37.2664, 75.9704



24.0462, 37.2664, 7.0009

Square

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



60.2252, 37.2664, 75.9704



46.2508, 37.2664, 5.5788



18.5775, 37.2664, 18.3444



26.4286, 37.2664, 132.5777

Rectangle

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



60.2252, 37.2664, 75.9704



60.5445, 37.2664, 19.1657



18.5775, 37.2664, 18.3444



18.4324, 37.2664, 73.9023

Sweetspot

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



60.2260, 37.2680, 75.9711



81.4084, 74.8571, 97.7543



33.1622, 22.8167, 97.2640



17.1226, 15.4709, 20.6600



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.



60.2260, 37.2680, 75.9711



56.7803, 31.6666, 70.8455



52.3205, 34.1058, 34.3413



18.6311, 18.2358, 21.9405



27.3627, 13.4344, 31.6243



2.7014, 1.3229, 3.2749

Inverse Universe

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



60.2260, 37.2680, 75.9711



56.7803, 31.6666, 70.8455



53.2262, 79.2070, 72.2452



18.6311, 18.2358, 21.9405



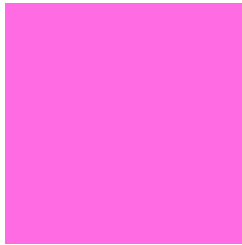
27.3627, 13.4344, 31.6243



2.7014, 1.3229, 3.2749

Previews

White Background



This preview shows how the XYZ color 60.2252, 37.2664, 75.9704 looks on a white background.

Color Contrast Check

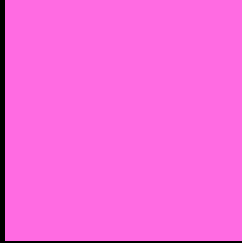
Large Text (above 18pt) WCAG AA × Fail

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 60.2252, 37.2664, 75.9704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

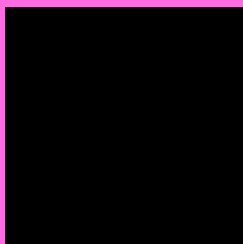
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2252, 37.2664, 75.9704

Background



This preview shows how black text looks on a background with the XYZ color 60.2252, 37.2664, 75.9704.



This preview shows how white text looks on a background with the XYZ color 60.2252, 37.2664,

75.9704.

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

60.2252, 37.2664, 75.9704

Protanopia

40.1763, 37.8065, 99.7876

Deuteranopia

38.3936, 37.5258, 70.8653



Tritanopia

50.4437, 37.1283, 28.5526

Trichromacy



Original Color

60.2252, 37.2664, 75.9704



Protanomaly

43.6813, 34.9916, 90.0398



Deuteranomaly

43.5775, 35.3321, 72.2331



Tritanomaly

53.1600, 36.7168, 42.3154

Monochromacy



Original Color

60.2252, 37.2664, 75.9704



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

42.2316, 35.5401, 51.6478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2252, 37.2664, 75.9704 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, 107, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 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, 107, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 226) }
```

Border

The CSS property to change the border of an element to XYZ 60.2252, 37.2664, 75.9704 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, 107, 226) }
```


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

```
.border{ border-color:rgb(255, 107, 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, 107, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2252, 37.2664, 75.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 226) }
```

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

```
.background{ background-color: rgb(255,  
107, 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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