

Converting Colors

XYZ(60.0883, 37.2116, 75.2497)

Have a look what the booklet for
XYZ(60.0883, 37.2116, 75.2497)
contains.

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Color

**XYZ(60.0883, 37.2116,
75.2497)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BE1
RGB	255, 107, 225
RGB Percent	100%, 42%, 88%
CMY	0.0000, 0.5804, 0.1176
CMYK	0.00, 0.58, 0.12, 0.00
HSL	312°, 100%, 71%
HSV	312°, 58%, 100%
XYZ	60.0883, 37.2116, 75.2497
YIQ	164.7040, 50.3300, 68.0740

Conversions

Conversions Part 2

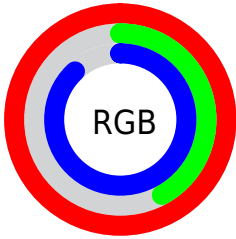
Format	Color
R _Y B	255, 107, 225
Decimal	16739297
CIE Lab	67.44, 69.49, -32.97
CIE LCh	67, 76.918, 334.618
Yxy	37.2116, 0.3482, 0.2157
Android (android.graphics.Color)	4294929377 (0xFFFF6BE1)
YUV	164.7040, 29.7259, 79.1896
Hunter-Lab	61.0013, 69.0761, -30.4378

Details

The XYZ color **60.0883, 37.2116, 75.2497** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.3401, 76.4526, 35.9838**, and the grayscale version is **35.4692, 37.3164, 40.6376**.

A 20% lighter version of the original color is **72.7451, 55.3903, 101.4650**, and **30.6055, 16.3434, 39.0776** is the 20% darker color. If you saturate the color by 10%, you get **57.1162, 32.3789, 70.8326**, and if you desaturate by 10%, it is **63.8670, 43.6231, 80.0419**.

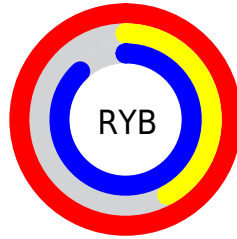
Distribution



Red (100%)

Green (42%)

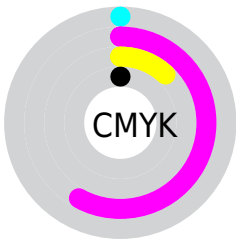
Blue (88%)



Red (100%)

Yellow (42%)

Blue (88%)

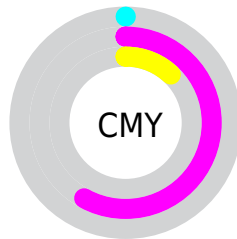


Cyan (0%)

Magenta (58%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0883, 37.2116, 75.2497 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 60.0883, 37.2116, 75.2497 by changing the saturation by 10% instead.

60.0883, 37.2116,
75.2497

60.0883, 37.2116,
75.2497

414.7527,
334.2257, 498.0537

43.7395, 25.3714,
55.3145

104.0634, 70.8981,
128.4161

30.6628, 16.3540,
39.2533

132.4204, 93.5132,
162.4844

20.4928, 9.7750,
26.6475

165.5109,
120.4886, 202.1008

12.8641, 5.2500,
17.0786

203.7002,
152.2089, 247.6839

7.4114, 2.3947,
10.1280

247.3536,
189.0583, 299.6522

3.7693, 0.8232,
5.3772

296.8367,

1.5725, 0.0000,

231.4214, 358.4242

2.4076

352.5146,
279.6824, 424.4185

■ 0.3744, 0.0000,
0.7906

■ 0.0000, 0.0000,
0.0000

■ 60.0883, 37.2116,
75.2497

■ 60.0883, 37.2116,
75.2497

■ 57.1162, 32.3789,
70.8326

■ 63.8670, 43.6231,
80.0419

■ 54.8769, 28.9780,
66.7638

■ 68.5125, 51.7339,
85.2287

■ 53.2870, 26.8424,
63.0149

■ 74.0820, 61.6581,
90.8308

■ 52.2324, 25.7439,
59.5470

■ 80.6272, 73.4985,
96.8661

■ 52.0564, 25.5866,
58.8884

■ 88.1957, 87.3502,
103.3514

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.



49.8905, 37.2116, 120.9910



60.0883, 37.2116, 75.2497



63.1532, 37.2116, 35.5068

Triad

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



60.0883, 37.2116, 75.2497



33.5728, 37.2116, 4.1277



19.7870, 37.2116, 89.7901

Complementary

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



60.0883, 37.2116, 75.2497



46.3401, 76.4526, 35.9838

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.



17.2282, 37.2116, 45.9779



60.0883, 37.2116, 75.2497



23.9794, 37.2116, 7.1143

Square

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



60.0883, 37.2116, 75.2497



46.0153, 37.2116, 5.5965



18.5723, 37.2116, 18.5552



26.5054, 37.2116, 132.1688

Rectangle

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



60.0883, 37.2116, 75.2497



60.2707, 37.2116, 19.0261



18.5723, 37.2116, 18.5552



18.4891, 37.2116, 74.0683

Sweetspot

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



60.0891, 37.2132, 75.2504



81.3633, 74.8390, 97.5170



33.5605, 23.0220, 97.2826



17.1118, 15.4666, 20.6035



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.



60.0891, 37.2132, 75.2504



56.6211, 31.6029, 70.0070



52.1173, 34.0244, 33.2714



18.6256, 18.2335, 21.9115



27.2559, 13.3916, 31.0615



2.6919, 1.3191, 3.2248

Inverse Universe

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



60.0891, 37.2132, 75.2504



56.6211, 31.6029, 70.0070



53.5323, 79.3295, 73.8575



18.6256, 18.2335, 21.9115



27.2559, 13.3916, 31.0615



2.6919, 1.3191, 3.2248

Previews

White Background



This preview shows how the XYZ color 60.0883, 37.2116, 75.2497 looks on a white background.

Color Contrast Check

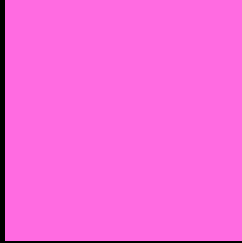
Large Text (above 18pt) WCAG AA × Fail

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 60.0883, 37.2116, 75.2497 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 60.0883, 37.2116, 75.2497

Background



This preview shows how black text looks on a background with the XYZ color 60.0883, 37.2116, 75.2497.



This preview shows how white text looks on a background with the XYZ color 60.0883, 37.2116,

75.2497.

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

60.0883, 37.2116, 75.2497

Protanopia

40.1763, 37.8065, 99.7876

Deuteranopia

38.2639, 37.4739, 70.1822



Tritanopia

50.4437, 37.1283, 28.5526

Trichromacy



Original Color

60.0883, 37.2116, 75.2497



Protanomaly

43.6813, 34.9916, 90.0398



Deuteranomaly

43.4454, 35.2793, 71.5376



Tritanomaly

53.1600, 36.7168, 42.3154

Monochromacy



Original Color

60.0883, 37.2116, 75.2497



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 60.0883, 37.2116, 75.2497 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 225) }
```

Border

The CSS property to change the border of an element to XYZ 60.0883, 37.2116, 75.2497 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, 225) }
```


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

```
.border{ border-color:rgb(255, 107, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0883, 37.2116, 75.2497 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
107, 225) }
```

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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