

Converting Colors

XYZ(60.9853, 37.5871, 79.9219)

Have a look what the booklet for
XYZ(60.9853, 37.5871, 79.9219)
contains.

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Color

**XYZ(60.9215, 37.5449,
79.6373)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF6BE7 |
| RGB | 255, 107, 231 |
| RGB Percent | 100%, 42%, 91% |
| CMY | 0.0000, 0.5804, 0.0941 |
| CMYK | 0.00, 0.58, 0.09, 0.00 |
| HSL | 310°, 100%, 71% |
| HSV | 310°, 58%, 100% |
| XYZ | 60.9215, 37.5449, 79.6373 |
| YIQ | 165.3880, 48.4040, 69.9400 |

Conversions

Conversions Part 2

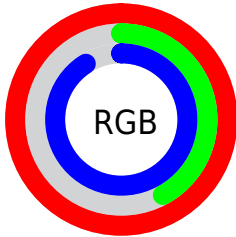
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 107, 231 |
| Decimal | 16739303 |
| CIE Lab | 67.68, 70.40, -35.92 |
| CIE LCh | 68, 79.029, 332.970 |
| Yxy | 37.5449, 0.3421, 0.2108 |
| Android (android.graphics.Color) | 4294929383 (0xFFFF6BE7) |
| YUV | 165.3880, 32.3467, 78.5897 |
| Hunter-Lab | 61.2739, 70.2441, -34.1671 |

Details

The XYZ color **60.9215, 37.5449, 79.6373** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **45.9214, 76.2851, 33.7792**, and the grayscale version is **35.7850, 37.6486, 40.9993**.

A 20% lighter version of the original color is **72.7451, 55.3903, 101.4650**, and **31.1442, 16.4986, 42.1005** is the 20% darker color. If you saturate the color by 10%, you get **58.0668, 32.7592, 75.8384**, and if you desaturate by 10%, it is **64.5753, 43.9065, 83.7715**.

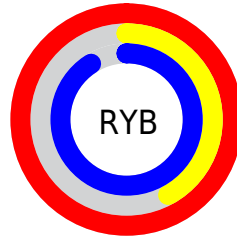
Distribution



Red (100%)

Green (42%)

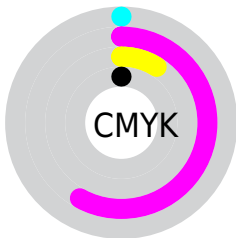
Blue (91%)



Red (100%)

Yellow (42%)

Blue (91%)

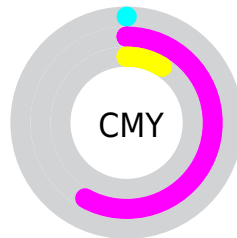


Cyan (0%)

Magenta (58%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (58%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9215, 37.5449, 79.6373 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 60.9215, 37.5449, 79.6373 by changing the saturation by 10% instead.


 60.9215, 37.5449,
79.6373


 60.9215, 37.5449,
79.6373

417.7666,
335.6637, 513.3842


 44.4141, 25.6297,
58.8955


 105.2640, 71.4101,
134.6625

 31.1955, 16.5468,
42.1096


 133.8299, 94.1288,
169.7829

 20.9003, 9.9119,
28.8609


 167.1459,
121.2174, 210.5334

 13.1632, 5.3406,
18.7309

205.5775,
153.0604, 257.3323

 7.6188, 2.4484,
11.3012

249.4901,
190.0421, 310.5984

 3.9018, 0.8506,
6.1531

299.2488,

 1.6467, 0.0000,

232.5470, 370.7500

2.8681

355.2192,
280.9594, 438.2057

■ 0.4226, 0.0000,
1.0277

■ 0.0000, 0.0000,
0.0000

■ 60.9215, 37.5449,
79.6373

■ 60.9215, 37.5449,
79.6373

■ 58.0668, 32.7592,
75.8384

■ 64.5753, 43.9065,
83.7715

■ 55.9375, 29.4022,
72.3485

■ 69.0882, 51.9642,
88.2603

■ 54.4501, 27.3076,
69.1397

■ 74.5174, 61.8322,
93.1234

■ 53.4908, 26.2473,
66.1736

■ 80.9145, 73.6134,
98.3786

■ 53.3327, 26.0971,
65.6090

■ 88.3269, 87.4027,
104.0422

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.



50.0322, 37.5449, 127.1003



60.9215, 37.5449, 79.6373



64.6081, 37.5449, 37.4972

Triad

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



60.9215, 37.5449, 79.6373



34.4837, 37.5449, 3.8002



19.4027, 37.5449, 89.4159

Complementary

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



60.9215, 37.5449, 79.6373



45.9214, 76.2851, 33.7792

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.



17.0128, 37.5449, 44.4604



60.9215, 37.5449, 79.6373



24.3823, 37.5449, 6.4541

Square

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



60.9215, 37.5449, 79.6373



47.4413, 37.5449, 5.4898



18.6043, 37.5449, 17.3208



26.0520, 37.5449, 134.6599

Rectangle

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



60.9215, 37.5449, 79.6373



61.9301, 37.5449, 19.8694



18.6043, 37.5449, 17.3208



18.1531, 37.5449, 73.0977

Sweetspot

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



60.9223, 37.5465, 79.6380



81.6347, 74.9476, 98.9464



32.3931, 22.4202, 97.2280



17.1765, 15.4925, 20.9439



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.



60.9223, 37.5465, 79.6380



57.5938, 31.9920, 75.1295



52.7395, 34.2733, 36.5478



18.6587, 18.2468, 22.0857



27.9146, 13.6551, 34.5304



2.7503, 1.3425, 3.5322

Inverse Universe

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



60.9223, 37.5465, 79.6380



57.5938, 31.9920, 75.1295



52.6279, 78.9677, 69.0950



18.6587, 18.2468, 22.0857



27.9146, 13.6551, 34.5304



2.7503, 1.3425, 3.5322

Previews

White Background



This preview shows how the XYZ color 60.9215, 37.5449, 79.6373 looks on a white background.

Color Contrast Check

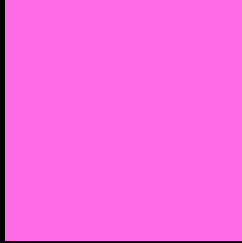
Large Text (above 18pt) WCAG AA × Fail

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 60.9215, 37.5449, 79.6373 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 60.9215, 37.5449, 79.6373

Background



This preview shows how black text looks on a background with the XYZ color 60.9215, 37.5449, 79.6373.



This preview shows how white text looks on a background with the XYZ color 60.9215, 37.5449,

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

60.9215, 37.5449, 79.6373

Protanopia

40.3304, 37.8860, 99.7948

Deuteranopia

38.6764, 37.8579, 74.3761



Tritanopia

50.3724, 37.2712, 29.3501

Trichromacy



Original Color

60.9215, 37.5449, 79.6373



Protanomaly

44.2120, 35.2299, 91.6586



Deuteranomaly

44.1521, 35.7725, 75.8119



Tritanomaly

53.5693, 37.0759, 43.8681

Monochromacy



Original Color

60.9215, 37.5449, 79.6373



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

42.4473, 35.6264, 52.7835

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9215, 37.5449, 79.6373 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, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 231)  
}
```

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, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 231) }
```

Border

The CSS property to change the border of an element to XYZ 60.9215, 37.5449, 79.6373 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, 231) }
```


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

```
.border{ border-color:rgb(255, 107, 231) }
```

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, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9215, 37.5449, 79.6373 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, 231) }
```

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

```
.background{ background-color: rgb(255,  
107, 231) }
```

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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