

Converting Colors

XYZ(60.5627, 37.8193, 89.8752)

Have a look what the booklet for
XYZ(60.5627, 37.8193, 89.8752)
contains.

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Color

**XYZ(60.3713, 37.6747,
89.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	F76FF4
RGB	247, 111, 244
RGB Percent	97%, 44%, 96%
CMY	0.0314, 0.5647, 0.0431
CMYK	0.00, 0.55, 0.01, 0.03
HSL	301°, 89%, 70%
HSV	301°, 55%, 97%
XYZ	60.3713, 37.6747, 89.6780
YIQ	166.8260, 38.3630, 70.1950

Conversions

Conversions Part 2

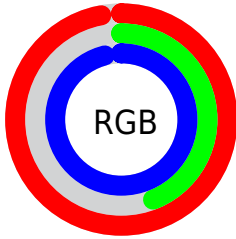
Format	Color
R _Y B	247, 111, 244
Decimal	16216052
CIE Lab	67.78, 68.68, -43.02
CIE LCh	68, 81.043, 327.935
Yxy	37.6747, 0.3216, 0.2007
Android (android.graphics.Color)	4294406132 (0xFFFF76FF4)
YUV	166.8260, 38.0468, 70.3126
Hunter-Lab	61.3797, 68.1529, -43.6590

Details

The XYZ color **60.3713, 37.6747, 89.6780** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **42.8552, 71.1174, 27.3901**, and the grayscale version is **36.4553, 38.3538, 41.7673**.

A 20% lighter version of the original color is **73.2926, 56.4853, 101.6475**, and **30.8925, 16.6469, 48.5987** is the 20% darker color. If you saturate the color by 10%, you get **57.9571, 32.9777, 88.4659**, and if you desaturate by 10%, it is **63.5333, 43.8651, 91.1412**.

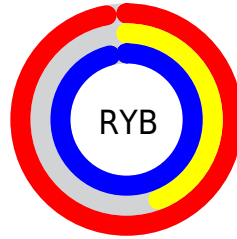
Distribution



Red (97%)

Green (44%)

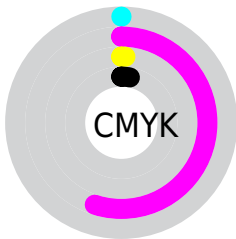
Blue (96%)



Red (97%)

Yellow (44%)

Blue (96%)

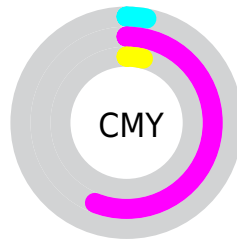


Cyan (0%)

Magenta (55%)

Yellow (1%)

Black (3%)



Cyan (3%)


Magenta (56%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3713, 37.6747, 89.6780 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 60.3713, 37.6747, 89.6780 by changing the saturation by 10% instead.


 60.3713, 37.6747,
89.6780


 60.3713, 37.6747,
89.6780


415.7779,
336.2225, 547.5259

 43.9686, 25.7303,
67.1414

 104.4714, 71.6093,
148.8227

 30.8436, 16.6220,
48.7372


 132.8995, 94.3682,
186.2678

 20.6310, 9.9654,
34.0469


 166.0667,
121.5008, 229.5195

 12.9655, 5.3760,
22.6520

204.3385,
153.3915, 278.9964

 7.4816, 2.4695,
14.1339

248.0801,
190.4246, 335.1169

 3.8141, 0.8613,
8.0740

297.6570,

 1.5975, 0.0000,

232.9845, 398.2996

4.0539

353.4345,
281.4557, 468.9631

■ 0.3908, 0.0000,
1.6550

■ 0.0000, 0.0000,
0.3296

■ 60.3713, 37.6747,
89.6780

■ 60.3713, 37.6747,
89.6780

■ 57.9571, 32.9777,
88.4659

■ 63.5333, 43.8651,
91.1412

■ 56.2237, 29.6427,
87.4816


■ 67.4950, 51.6554,
92.8719


■ 55.0989, 27.5245,
86.7014

■ 72.3083, 61.1486,
94.8877


■ 54.4923, 26.4424,
86.0951


■ 78.0195, 72.4373,
97.2040


 54.3179, 26.1583,
85.8377

 84.6719, 85.6078,
99.8352

 90.9486, 98.0265,
102.3423

 91.0329, 98.0603,
102.7866

 91.1175, 98.0941,
103.2322

 91.2024, 98.1281,
103.6791

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.3318, 37.6747, 137.2537



60.3713, 37.6747, 89.6780



65.7090, 37.6747, 43.5601

Triad

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



60.3713, 37.6747, 89.6780



36.6845, 37.6747, 3.4780



18.4532, 37.6747, 82.6131

Complementary

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



60.3713, 37.6747, 89.6780



42.8552, 71.1174, 27.3901

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.



16.7152, 37.6747, 38.5832



60.3713, 37.6747, 89.6780



25.6604, 37.6747, 5.2618

Square

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



60.3713, 37.6747, 89.6780



50.1929, 37.6747, 5.9203



19.0172, 37.6747, 14.2002



24.4741, 37.6747, 131.7626

Rectangle

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



60.3713, 37.6747, 89.6780



63.9917, 37.6747, 23.2216



19.0172, 37.6747, 14.2002



17.4204, 37.6747, 66.1677

Sweetspot

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



60.3726, 37.6764, 89.6788



82.5924, 75.3307, 103.9896



29.3191, 21.6147, 90.6235



17.4051, 15.5839, 22.1479



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.



60.3726, 37.6764, 89.6788



62.0818, 35.0110, 94.9895



51.9531, 34.3086, 45.3418



17.1969, 16.7616, 20.7835



28.7341, 13.8371, 45.4355



2.5304, 1.2181, 4.0194

Inverse Universe

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



60.3726, 37.6764, 89.6788



62.0818, 35.0110, 94.9895



48.1858, 73.2496, 55.4607



17.1969, 16.7616, 20.7835



28.7341, 13.8371, 45.4355



2.5304, 1.2181, 4.0194

Previews

White Background



This preview shows how the XYZ color 60.3713, 37.6747, 89.6780 looks on a white background.

Color Contrast Check

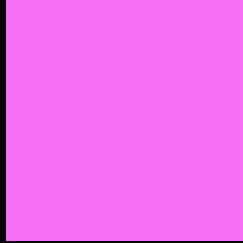
Large Text (above 18pt) WCAG AA × Fail

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 60.3713, 37.6747, 89.6780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

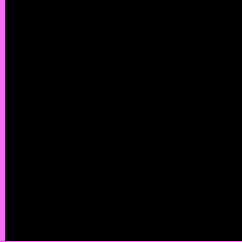
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.3713, 37.6747, 89.6780

Background



This preview shows how black text looks on a background with the XYZ color 60.3713, 37.6747, 89.6780.



This preview shows how white text looks on a background with the XYZ color 60.3713, 37.6747,

89.6780.

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

60.3713, 37.6747, 89.6780

Protanopia

40.5073, 38.2397, 99.8538

Deuteranopia

39.0861, 38.1245, 83.8960



Tritanopia

48.2534, 37.3458, 31.8594

Trichromacy



Original Color

60.3713, 37.6747, 89.6780



Protanomaly

44.6194, 35.7958, 95.8244



Deuteranomaly

44.1484, 36.0076, 85.5122



Tritanomaly

51.6295, 36.9069, 48.6585

Monochromacy



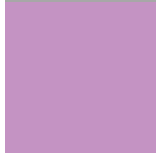
Original Color

60.3713, 37.6747, 89.6780



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

43.0490, 36.5433, 56.4144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3713, 37.6747, 89.6780 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(247, 111, 244)` looks like.

```
.text, #text, p{  
    color:rgb(247, 111, 244)  
}
```

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(247, 111, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 111, 244) }
```

Border

The CSS property to change the border of an element to XYZ 60.3713, 37.6747, 89.6780 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(247, 111, 244) }
```


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

```
.border{ border-color:rgb(247, 111, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 111, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 111, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 111, 244);  
box-shadow:4px 4px 4px 4px rgb(247, 111,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3713, 37.6747, 89.6780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 111, 244) }
```

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

```
.background{ background-color: rgb(247,  
111, 244) }
```

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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