

Converting Colors

XYZ(60.7808, 38.7360, 89.0673)

Have a look what the booklet for
XYZ(60.7808, 38.7360, 89.0673)
contains.

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Color

**XYZ(60.7808, 38.7360,
89.0673)**

Conversions

Conversions Part 1

Format	Color
Hex	F774F3
RGB	247, 116, 243
RGB Percent	97%, 45%, 95%
CMY	0.0314, 0.5451, 0.0471
CMYK	0.00, 0.53, 0.02, 0.03
HSL	302°, 89%, 71%
HSV	302°, 53%, 97%
XYZ	60.7808, 38.7360, 89.0673
YIQ	169.6470, 37.3090, 67.2690

Conversions

Conversions Part 2

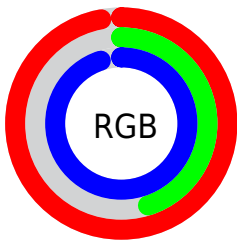
Format	Color
R _Y B	247, 116, 243
Decimal	16217331
CIE Lab	68.56, 66.29, -41.25
CIE LCh	69, 78.078, 328.105
Yxy	38.7360, 0.3223, 0.2054
Android (android.graphics.Color)	4294407411 (0xFFFF774F3)
YUV	169.6470, 36.1630, 67.8386
Hunter-Lab	62.2383, 65.4031, -41.2814

Details

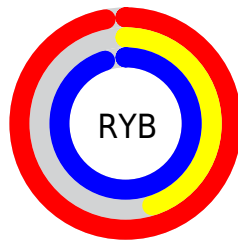
The XYZ color **60.7808, 38.7360, 89.0673** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **43.8551, 71.5921, 29.2788**, and the grayscale version is **37.8473, 39.8183, 43.3622**.

A 20% lighter version of the original color is **74.2336, 58.3671, 101.9612**, and **31.1150, 17.2626, 48.1465** is the 20% darker color. If you saturate the color by 10%, you get **58.1896, 33.7347, 87.6430**, and if you desaturate by 10%, it is **64.1319, 45.2545, 90.7479**.

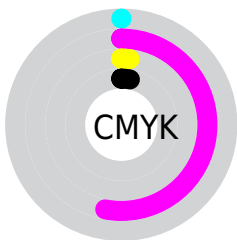
Distribution



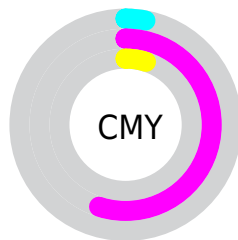
- Red (97%)
- Green (45%)
- Blue (95%)



- Red (97%)
- Yellow (45%)
- Blue (95%)



- Cyan (0%)
- Magenta (53%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (55%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7808, 38.7360, 89.0673 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 60.7808, 38.7360, 89.0673 by changing the saturation by 10% instead.


 60.7808, 38.7360,
89.0673


 60.7808, 38.7360,
89.0673


417.2586,
340.7668, 545.4837

 44.3002, 26.5544,
66.6380


 105.0614, 73.2348,
147.9663

 31.1055, 17.2389,
48.3307


 133.5921, 96.3209,
185.2731

 20.8314, 10.4049,
33.7270


 166.8701,
123.8105, 228.3761

 13.1126, 5.6683,
22.4083

205.2609,
156.0882, 277.6939

 7.5836, 2.6444,
13.9560

249.1298,
193.5383, 333.6451

 3.8793, 0.9491,
7.9517

298.8421,

 1.6341, 0.0000,

236.5451, 396.6480

3.9767

354.7633,
285.4931, 467.1214

■ 0.4144, 0.0000,
1.6126

■ 0.0000, 0.0000,
0.2998

■ 60.7808, 38.7360,
89.0673

■ 60.7808, 38.7360,
89.0673

■ 58.1896, 33.7347,
87.6430

■ 64.1319, 45.2545,
90.7479

■ 56.2929, 30.1224,
86.4521


■ 68.2935, 53.3942,
92.7007


■ 55.0209, 27.7589,
85.4717


■ 73.3166, 63.2563,
94.9430


■ 54.2876, 26.4720,
84.6733


■ 79.2469, 74.9319,
97.4900


 54.0060, 26.0335,
84.1948

 86.1268, 88.5061,
100.3558

 90.9882, 98.0424,
102.5511

 91.1053, 98.0892,
103.1673

 91.2227, 98.1362,
103.7860

 91.3407, 98.1834,
104.4071

Harmonies

Analogous

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



49.1263, 38.7360, 134.6322



60.7808, 38.7360, 89.0673



65.8896, 38.7360, 44.4579

Triad

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



60.7808, 38.7360, 89.0673



37.6055, 38.7360, 4.2338



19.6419, 38.7360, 82.8296

Complementary

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



60.7808, 38.7360, 89.0673



43.8551, 71.5921, 29.2788

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.



17.8713, 38.7360, 39.9753



60.7808, 38.7360, 89.0673



26.7582, 38.7360, 6.1944

Square

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



60.7808, 38.7360, 89.0673



50.7874, 38.7360, 6.8394



20.1611, 38.7360, 15.5488



25.6774, 38.7360, 129.8318

Rectangle

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



60.7808, 38.7360, 89.0673



64.1966, 38.7360, 24.4294



20.1611, 38.7360, 15.5488



18.5964, 38.7360, 66.9334

Sweetspot

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



60.7822, 38.7378, 89.0681



83.1872, 76.5944, 103.9592



30.5318, 23.0726, 90.8411



17.5199, 15.8319, 22.1293



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.



60.7822, 38.7378, 89.0681



62.3076, 35.7828, 94.0781



52.7736, 35.5343, 46.8954



17.1905, 16.7590, 20.7496



28.5718, 13.7722, 44.5810



2.5180, 1.2131, 3.9539

Inverse Universe

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



60.7822, 38.7378, 89.0681



62.3076, 35.7828, 94.0781



49.0835, 73.6834, 56.8110



17.1905, 16.7590, 20.7496



28.5718, 13.7722, 44.5810



2.5180, 1.2131, 3.9539

Previews

White Background



This preview shows how the XYZ color 60.7808, 38.7360, 89.0673 looks on a white background.

Color Contrast Check

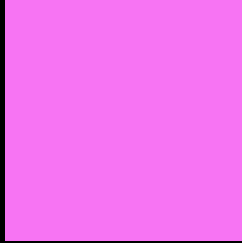
Large Text (above 18pt) WCAG AA × Fail

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 60.7808, 38.7360, 89.0673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

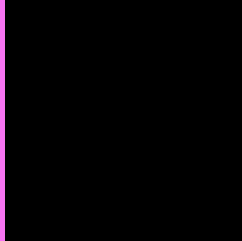
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.7808, 38.7360, 89.0673

Background



This preview shows how black text looks on a background with the XYZ color 60.7808, 38.7360, 89.0673.



This preview shows how white text looks on a background with the XYZ color 60.7808, 38.7360,

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

60.7808, 38.7360, 89.0673

Protanopia

41.3366, 39.1986, 99.9952

Deuteranopia

39.9891, 39.1422, 83.2895



Tritanopia

49.3297, 38.5001, 33.6855

Trichromacy



Original Color

60.7808, 38.7360, 89.0673



Protanomaly

45.5255, 36.9464, 95.9987



Deuteranomaly

44.9320, 37.1180, 84.9171



Tritanomaly

52.7032, 38.2186, 49.9466

Monochromacy



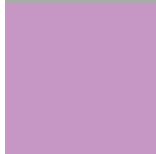
Original Color

60.7808, 38.7360, 89.0673



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

44.2731, 37.8497, 57.7956

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7808, 38.7360, 89.0673 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, 116, 243)` looks like.

```
.text, #text, p{  
    color:rgb(247, 116, 243)  
}
```

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, 116, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 116, 243) }
```

Border

The CSS property to change the border of an element to XYZ 60.7808, 38.7360, 89.0673 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, 116, 243) }
```


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

```
.border{ border-color:rgb(247, 116, 243) }
```

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

Here you see how a box with a 4 pixel rgb(247, 116, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 116, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 116, 243);  
box-shadow:4px 4px 4px 4px rgb(247, 116,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7808, 38.7360, 89.0673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 116, 243) }
```

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

```
.background{ background-color: rgb(247,  
116, 243) }
```

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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