

Converting Colors

XYZ(97.0998, 56.6625, 83.2459)

Have a look what the booklet for
XYZ(97.0998, 56.6625, 83.2459)
contains.

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Color

**XYZ(61.5239, 38.2951,
81.2398)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6EE9
RGB	255, 110, 233
RGB Percent	100%, 43%, 91%
CMY	0.0000, 0.5686, 0.0863
CMYK	0.00, 0.57, 0.09, 0.00
HSL	309°, 100%, 72%
HSV	309°, 57%, 100%
XYZ	61.5239, 38.2951, 81.2398
YIQ	167.3770, 46.9370, 68.9930

Conversions

Conversions Part 2

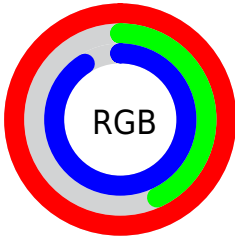
Format	Color
R _Y B	255, 110, 233
Decimal	16740073
CIE Lab	68.24, 69.43, -36.16
CIE LCh	68, 78.279, 332.487
Yxy	38.2951, 0.3398, 0.2115
Android (android.graphics.Color)	4294930153 (0xFFFF6EE9)
YUV	167.3770, 32.3521, 76.8454
Hunter-Lab	61.8830, 69.1688, -34.5175

Details

The XYZ color **61.5239, 38.2951, 81.2398** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.3567, 76.5016, 34.1553**, and the grayscale version is **36.7469, 38.6606, 42.1014**.

A 20% lighter version of the original color is **73.2926, 56.4853, 101.6475**, and **31.5398, 16.9731, 43.2088** is the 20% darker color. If you saturate the color by 10%, you get **58.6111, 33.3442, 77.5720**, and if you desaturate by 10%, it is **65.2420, 44.8367, 85.2367**.

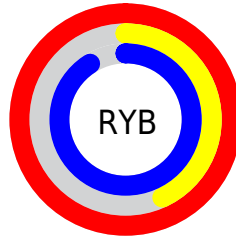
Distribution



Red (100%)

Green (43%)

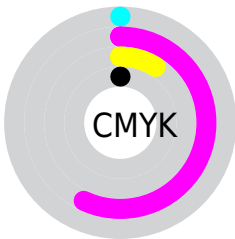
Blue (91%)



Red (100%)

Yellow (43%)

Blue (91%)

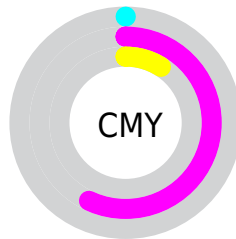


Cyan (0%)

Magenta (57%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5239, 38.2951, 81.2398 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 61.5239, 38.2951, 81.2398 by changing the saturation by 10% instead.


 61.5239, 38.2951,
81.2398


 61.5239, 38.2951,
81.2398


419.9376,
338.8842, 518.9178


 44.9023, 26.2118,
60.2070

 106.1310, 72.5602,
136.9345

 31.5814, 16.9822,
43.1591


 134.8471, 95.5108,
172.4335

 21.1960, 10.2218,
29.6776


 168.3254,
122.8527, 213.5916

 13.3806, 5.5462,
19.3441

206.9313,
154.9702, 260.8273

 7.7699, 2.5712,
11.7398

251.0301,
192.2476, 314.5593

 3.9987, 0.9122,
6.4464

300.9872,

 1.7014, 0.0000,

235.0696, 375.2060

3.0452

357.1679,
283.8203, 443.1860

■ 0.4571, 0.0000,
1.1178

■ 0.0000, 0.0000,
0.0000

■ 61.5239, 38.2951,
81.2398

■ 61.5239, 38.2951,
81.2398

■ 58.6111, 33.3442,
77.5720

■ 65.2420, 44.8367,
85.2367

■ 56.4308, 29.8393,
74.2074

■ 69.8243, 53.0876,
89.5814

■ 54.9017, 27.6176,
71.1189

■ 75.3276, 63.1606,
94.2936

■ 53.9196, 26.4709,
68.2713

■ 81.8027, 75.1576,
99.3907

■ 53.6747, 26.2339,
67.4104

■ 89.2969, 89.1729,
104.8887

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.



50.5632, 38.2951, 128.3401



61.5239, 38.2951, 81.2398



65.3469, 38.2951, 38.8392

Triad

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



61.5239, 38.2951, 81.2398



35.3864, 38.2951, 4.0993



19.9332, 38.2951, 89.4034

Complementary

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



61.5239, 38.2951, 81.2398



46.3567, 76.5016, 34.1553

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.



17.5812, 38.2951, 44.6913



61.5239, 38.2951, 81.2398



25.1618, 38.2951, 6.7635

Square

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



61.5239, 38.2951, 81.2398



48.3923, 38.2951, 5.9302



19.2572, 38.2951, 17.6628



26.5705, 38.2951, 134.6304

Rectangle

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



61.5239, 38.2951, 81.2398



62.7702, 38.2951, 20.8608



19.2572, 38.2951, 17.6628



18.6921, 38.2951, 73.1644

Sweetspot

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



61.5248, 38.2967, 81.2405



81.7050, 74.9757, 99.3165



33.1044, 23.2594, 97.3525



17.1932, 15.4992, 21.0321



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.



61.5248, 38.2967, 81.2405



58.3269, 32.8743, 77.1735



53.2282, 34.9780, 37.5510



18.6672, 18.2502, 22.1307



28.0910, 13.7257, 35.4594



2.7658, 1.3487, 3.6141

Inverse Universe

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



61.5248, 38.2967, 81.2405



58.3269, 32.8743, 77.1735



53.1207, 79.2072, 69.7745



18.6672, 18.2502, 22.1307



28.0910, 13.7257, 35.4594



2.7658, 1.3487, 3.6141

Previews

White Background



This preview shows how the XYZ color 61.5239, 38.2951, 81.2398 looks on a white background.

Color Contrast Check

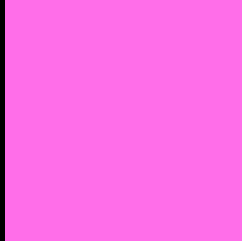
Large Text (above 18pt) WCAG AA × Fail

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 61.5239, 38.2951, 81.2398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

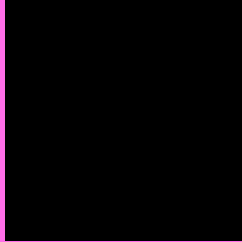
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5239, 38.2951, 81.2398

Background



This preview shows how black text looks on a background with the XYZ color 61.5239, 38.2951, 81.2398.



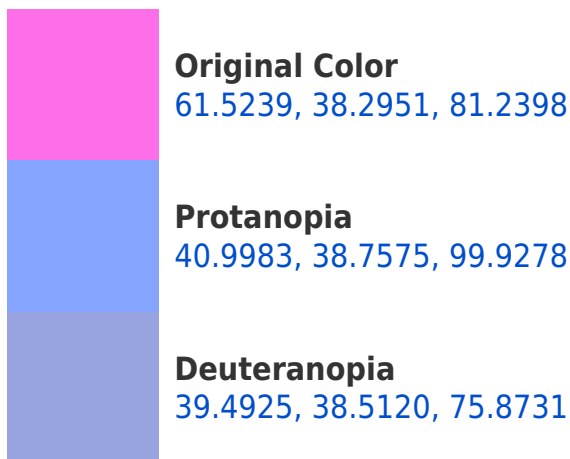
This preview shows how white text looks on a background with the XYZ color 61.5239, 38.2951,

81.2398.

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





Tritanopia

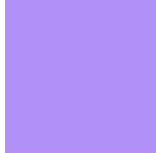
50.9262, 38.1405, 30.2689

Trichromacy



Original Color

61.5239, 38.2951, 81.2398



Protanomaly

44.8932, 36.0090, 92.5800



Deuteranomaly

44.8247, 36.3114, 77.3193



Tritanomaly

54.1384, 37.9021, 45.0199

Monochromacy



Original Color

61.5239, 38.2951, 81.2398



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

43.2360, 36.4615, 54.0492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5239, 38.2951, 81.2398 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, 110, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 233)  
}
```

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, 110, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 233) }
```

Border

The CSS property to change the border of an element to XYZ 61.5239, 38.2951, 81.2398 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, 110, 233) }
```


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

```
.border{ border-color:rgb(255, 110, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5239, 38.2951, 81.2398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 233) }
```

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

```
.background{ background-color: rgb(255,  
110, 233) }
```

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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