

Converting Colors

XYZ(61.8983, 38.3072, 95.1233)

Have a look what the booklet for
XYZ(61.8983, 38.3072, 95.1233)
contains.

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Color

**XYZ(61.8084, 38.2904,
95.3999)**

Conversions

Conversions Part 1

Format	Color
Hex	F86FFB
RGB	248, 111, 251
RGB Percent	97%, 44%, 98%
CMY	0.0274, 0.5647, 0.0157
CMYK	0.01, 0.56, 0.00, 0.02
HSL	299°, 95%, 71%
HSV	299°, 56%, 98%
XYZ	61.8084, 38.2904, 95.3999
YIQ	167.9230, 36.7120, 72.5840

Conversions

Conversions Part 2

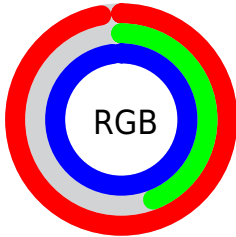
Format	Color
R _Y B	248, 111, 251
Decimal	16281595
CIE _{Lab}	68.23, 70.11, -46.15
CIE _{LCh}	68, 83.931, 326.645
Y _{xy}	38.2904, 0.3162, 0.1959
Android (android.graphics.Color)	4294471675 (0xFFFF86FFB)
YUV	167.9230, 40.9570, 70.2275
Hunter-Lab	61.8792, 70.0070, -48.0926

Details

The XYZ color **61.8084, 38.2904, 95.3999** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **44.3071, 73.7204, 26.9350**, and the grayscale version is **36.9762, 38.9019, 42.3641**.

A 20% lighter version of the original color is **73.2926, 56.4853, 101.6475**, and **31.9077, 17.0815, 52.6543** is the 20% darker color. If you saturate the color by 10%, you get **59.2546, 33.4643, 94.6035**, and if you desaturate by 10%, it is **65.1348, 44.6586, 96.4543**.

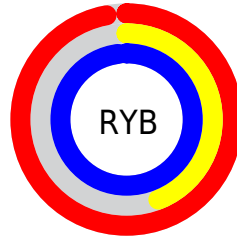
Distribution



Red (97%)

Green (44%)

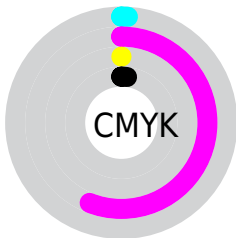
Blue (98%)



Red (97%)

Yellow (44%)

Blue (98%)

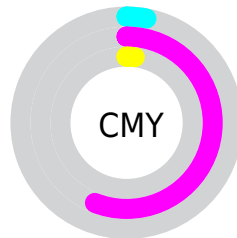


Cyan (1%)

Magenta (56%)

Yellow (0%)

Black (2%)



Cyan (3%)


Magenta (56%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.8084, 38.2904, 95.3999 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 61.8084, 38.2904, 95.3999 by changing the saturation by 10% instead.


 61.8084, 38.2904,
95.3999


 61.8084, 38.2904,
95.3999


420.9606,
338.8641, 566.4614

 45.1329, 26.2082,
71.8691


 106.5401, 72.5530,
156.8173

 31.7639, 16.9794,
52.5656


 135.3270, 95.5022,
195.5410

 21.3359, 10.2198,
37.0708


 168.8817,
122.8425, 240.1661

 13.4836, 5.5450,
24.9661

207.5696,
154.9582, 291.1111

 7.8417, 2.5704,
15.8330

251.7561,
192.2339, 348.7947

 4.0448, 0.9118,
9.2530

301.8066,

 1.7275, 0.0000,

235.0538, 413.6352

4.8075

358.0862,
283.8024, 486.0513

■ 0.4734, 0.0000,
2.0780

■ 0.0000, 0.0000,
0.6026

■ 61.8084, 38.2904,
95.3999

■ 61.8084, 38.2904,
95.3999

■ 59.2546, 33.4643,
94.6035

■ 65.1348, 44.6586,
96.4543

■ 57.4028, 30.0427,
94.0407

■ 69.2881, 52.6810,
97.7839

■ 56.1771, 27.8723,
93.6863

■ 74.3227, 62.4651,
99.4071

■ 55.4816, 26.7613,
93.5086

■ 80.2871, 74.1081,
101.3400

55.2868, 26.4899,
93.4664

87.2264, 87.7000,
103.5978

93.0385, 99.0366,
105.4796

93.2327, 99.1368,
105.4887

93.4275, 99.2372,
105.4979

93.6228, 99.3379,
105.5070

Harmonies

Analogous

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



48.9268, 38.2904, 145.4160



61.8084, 38.2904, 95.3999



67.8515, 38.2904, 46.0660

Triad

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



61.8084, 38.2904, 95.3999



37.8908, 38.2904, 3.1572



18.1752, 38.2904, 83.2358

Complementary

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



61.8084, 38.2904, 95.3999



44.3071, 73.7204, 26.9350

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.



16.5652, 38.2904, 37.6035



61.8084, 38.2904, 95.3999



26.2078, 38.2904, 4.7112

Square

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



61.8084, 38.2904, 95.3999



52.1093, 38.2904, 5.7705



19.1207, 38.2904, 13.2398



24.2060, 38.2904, 135.9036

Rectangle

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



61.8084, 38.2904, 95.3999



66.3265, 38.2904, 24.2249



19.1207, 38.2904, 13.2398



17.1727, 38.2904, 66.0138

Sweetspot

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



61.8098, 38.2921, 95.4007



82.4052, 75.2165, 104.7827



30.1768, 22.7605, 94.0700



17.3603, 15.5566, 22.3377



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.



61.8098, 38.2921, 95.4007



61.1382, 34.1564, 97.9782



54.2969, 35.4108, 50.2439



17.9541, 17.5045, 21.8177



29.0778, 13.9328, 49.1303



2.7045, 1.2963, 4.5508

Inverse Universe

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



48.5066, 33.0947, 19.7526



46.1756, 28.3254, 12.2250



48.9236, 75.5226, 53.2482



17.2597, 17.2312, 17.9573



20.9341, 10.7893, 1.0953



1.9440, 1.0013, 0.1285

Previews

White Background



This preview shows how the XYZ color 61.8084, 38.2904, 95.3999 looks on a white background.

Color Contrast Check

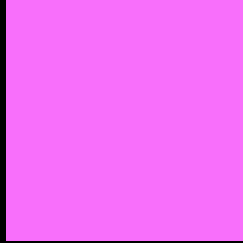
Large Text (above 18pt) WCAG AA × Fail

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 61.8084, 38.2904, 95.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

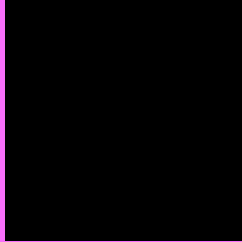
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8084, 38.2904, 95.3999

Background



This preview shows how black text looks on a background with the XYZ color 61.8084, 38.2904, 95.3999.



This preview shows how white text looks on a background with the XYZ color 61.8084, 38.2904,

95.3999.

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

61.8084, 38.2904, 95.3999

Protanopia

40.9983, 38.7575, 99.9278

Deuteranopia

39.6355, 38.5553, 89.3573



Tritanopia

48.6947, 37.9772, 32.7808

Trichromacy



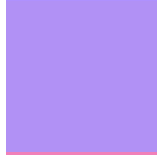
Original Color

61.8084, 38.2904, 95.3999



Protanomaly

45.6940, 36.5205, 98.4068



Deuteranomaly

44.7383, 36.1905, 91.0137



Tritanomaly

52.4113, 37.4664, 50.3683

Monochromacy



Original Color

61.8084, 38.2904, 95.3999



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

43.6527, 36.8150, 58.2313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8084, 38.2904, 95.3999 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(248, 111, 251)` looks like.

```
.text, #text, p{  
    color:rgb(248, 111, 251)  
}
```

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(248, 111, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 111, 251) }
```

Border

The CSS property to change the border of an element to XYZ 61.8084, 38.2904, 95.3999 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(248, 111, 251) }
```


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

```
.border{ border-color:rgb(248, 111, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 111, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 111, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 111, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 111,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8084, 38.2904, 95.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 111, 251) }
```

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

```
.background{ background-color: rgb(248,  
111, 251) }
```

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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