

Converting Colors

XYZ(61.9231, 38.6346, 82.7873)

Have a look what the booklet for
XYZ(61.9231, 38.6346, 82.7873)
contains.

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Color

**XYZ(61.9198, 38.6270,
82.7895)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6FEB
RGB	255, 111, 235
RGB Percent	100%, 44%, 92%
CMY	0.0000, 0.5647, 0.0784
CMYK	0.00, 0.56, 0.08, 0.00
HSL	308°, 100%, 72%
HSV	308°, 56%, 100%
XYZ	61.9198, 38.6270, 82.7895
YIQ	168.1920, 46.0200, 69.0920

Conversions

Conversions Part 2

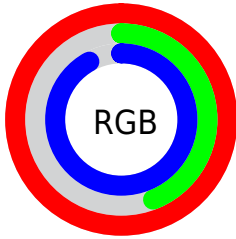
Format	Color
R_{YB}	255, 111, 235
Decimal	16740331
CIE _{Lab}	68.48, 69.31, -36.89
CIE _{LCh}	68, 78.512, 331.975
Yxy	38.6270, 0.3377, 0.2107
Android (android.graphics.Color)	4294930411 (0xFFFF6FEB)
YUV	168.1920, 32.9363, 76.1306
Hunter-Lab	62.1506, 69.0735, -35.4735

Details

The XYZ color **61.9198, 38.6270, 82.7895** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **46.4136, 76.5388, 33.8022**, and the grayscale version is **37.1425, 39.0768, 42.5547**.

A 20% lighter version of the original color is **73.4780, 56.8559, 101.7093**, and **31.7830, 17.1380, 44.2806** is the 20% darker color. If you saturate the color by 10%, you get **59.0173, 33.6326, 79.3228**, and if you desaturate by 10%, it is **65.6282, 45.2164, 86.5760**.

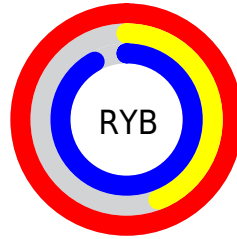
Distribution



Red (100%)

Green (44%)

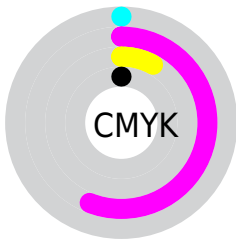
Blue (92%)



Red (100%)

Yellow (44%)

Blue (92%)

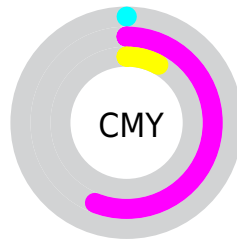


Cyan (0%)

Magenta (56%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (56%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.9198, 38.6270, 82.7895 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 61.9198, 38.6270, 82.7895 by changing the saturation by 10% instead.


 61.9198, 38.6270,
82.7895


 61.9198, 38.6270,
82.7895


421.3607,
340.3020, 524.2373

 45.2233, 26.4697,
61.4769

 106.7002, 73.0682,
139.1272

 31.8353, 17.1753,
44.1771


 135.5148, 96.1208,
174.9894

 21.3907, 10.3596,
30.4716


 169.0994,
123.5740, 216.5385

 13.5240, 5.6380,
19.9417

207.8194,
155.8121, 264.1931

 7.8698, 2.6262,
12.1690

252.0402,
193.2196, 318.3718

 4.0629, 0.9399,
6.7350

302.1271,

 1.7378, 0.0000,

236.1808, 379.4930

3.2210

358.4455,
285.0802, 447.9753

■ 0.4797, 0.0000,
1.2085

■ 0.0000, 0.0000,
0.0000

■ 61.9198, 38.6270,
82.7895

■ 61.9198, 38.6270,
82.7895

■ 59.0173, 33.6326,
79.3228

■ 65.6282, 45.2164,
86.5760

■ 56.8483, 30.0893,
76.1501

■ 70.2012, 53.5190,
90.7008

■ 55.3322, 27.8355,
73.2448

■ 75.6952, 63.6470,
95.1835

■ 54.3668, 26.6671,
70.5724

■ 82.1610, 75.7020,
100.0412

■ 54.1031, 26.4052,
69.6660

■ 89.6457, 89.7780,
105.2899

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.



50.7799, 38.6270, 130.1501



61.9198, 38.6270, 82.7895



65.9286, 38.6270, 39.7572

Triad

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



61.9198, 38.6270, 82.7895



35.9013, 38.6270, 4.1285



20.0291, 38.6270, 89.3324

Complementary

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



61.9198, 38.6270, 82.7895



46.4136, 76.5388, 33.8022

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.



17.7272, 38.6270, 44.4464



61.9198, 38.6270, 82.7895



25.5194, 38.6270, 6.7247

Square

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



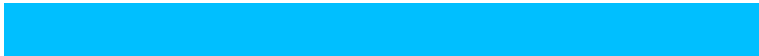
61.9198, 38.6270, 82.7895



49.0401, 38.6270, 6.0575



19.4875, 38.6270, 17.5129



26.6482, 38.6270, 135.1922

Rectangle

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



61.9198, 38.6270, 82.7895



63.4326, 38.6270, 21.3963



19.4875, 38.6270, 17.5129



18.8014, 38.6270, 72.9872

Sweetspot

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



61.9207, 38.6286, 82.7903



81.7917, 75.0104, 99.7730



32.9727, 23.3525, 97.3774



17.2139, 15.5074, 21.1409



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.



61.9207, 38.6286, 82.7903



58.6392, 32.9992, 78.8182



53.6084, 35.3037, 39.0182



18.6778, 18.2544, 22.1862



28.3119, 13.8140, 36.6224



2.7852, 1.3565, 3.7164

Inverse Universe

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



61.9207, 38.6286, 82.7903



58.6392, 32.9992, 78.8182



53.0011, 79.1738, 68.4916



18.6778, 18.2544, 22.1862



28.3119, 13.8140, 36.6224



2.7852, 1.3565, 3.7164

Previews

White Background



This preview shows how the XYZ color 61.9198, 38.6270, 82.7895 looks on a white background.

Color Contrast Check

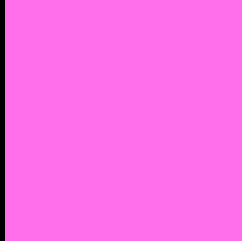
Large Text (above 18pt) WCAG AA × Fail

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 61.9198, 38.6270, 82.7895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

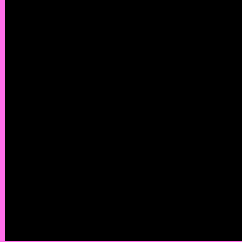
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9198, 38.6270, 82.7895

Background



This preview shows how black text looks on a background with the XYZ color 61.9198, 38.6270, 82.7895.



This preview shows how white text looks on a background with the XYZ color 61.9198, 38.6270,

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

61.9198, 38.6270, 82.7895

Protanopia

41.3366, 39.1986, 99.9952

Deuteranopia

39.7603, 38.8853, 77.3615



Tritanopia

51.2153, 38.4763, 31.1129

Trichromacy



Original Color

61.9198, 38.6270, 82.7895



Protanomaly

45.4288, 36.4931, 93.4564



Deuteranomaly

45.0073, 36.5993, 78.8210



Tritanomaly

54.4636, 38.2358, 46.1047

Monochromacy



Original Color

61.9198, 38.6270, 82.7895



Achromatopsia

37.2190, 39.1572, 42.6422



Achromatomaly

43.7676, 36.9526, 54.6949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9198, 38.6270, 82.7895 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, 111, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 235)  
}
```

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, 111, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 235) }
```

Border

The CSS property to change the border of an element to XYZ 61.9198, 38.6270, 82.7895 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, 111, 235) }
```


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

```
.border{ border-color:rgb(255, 111, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9198, 38.6270, 82.7895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 235) }
```

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

```
.background{ background-color: rgb(255,  
111, 235) }
```

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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