

Converting Colors

XYZ(62.0777, 38.0074, 85.7257)

Have a look what the booklet for
XYZ(62.0777, 38.0074, 85.7257)
contains.

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Color

**XYZ(62.0777, 38.0074,
85.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6BEF
RGB	255, 107, 239
RGB Percent	100%, 42%, 94%
CMY	0.0000, 0.5804, 0.0627
CMYK	0.00, 0.58, 0.06, 0.00
HSL	306°, 100%, 71%
HSV	306°, 58%, 100%
XYZ	62.0777, 38.0074, 85.7257
YIQ	166.3000, 45.8360, 72.4280

Conversions

Conversions Part 2

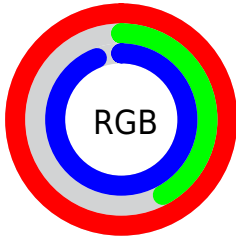
Format	Color
R_{YB}	255, 107, 239
Decimal	16739311
CIE _{Lab}	68.03, 71.63, -39.80
CIE _{LCh}	68, 81.948, 330.940
Yxy	38.0074, 0.3341, 0.2045
Android (android.graphics.Color)	4294929391 (0xFFFF6BEF)
YUV	166.3000, 35.8411, 77.7899
Hunter-Lab	61.6501, 71.8502, -39.2888

Details

The XYZ color **62.0777, 38.0074, 85.7257** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **45.3998, 76.0765, 31.0324**, and the grayscale version is **36.2085, 38.0941, 41.4845**.

A 20% lighter version of the original color is **72.7451, 55.3903, 101.4650**, and **31.9536, 16.8224, 46.3626** is the 20% darker color. If you saturate the color by 10%, you get **59.3961, 33.2908, 82.8381**, and if you desaturate by 10%, it is **65.5508, 44.2967, 88.9087**.

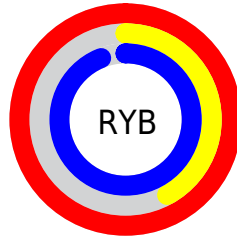
Distribution



Red (100%)

Green (42%)

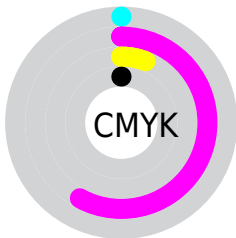
Blue (94%)



Red (100%)

Yellow (42%)

Blue (94%)

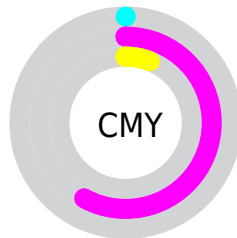


Cyan (0%)

Magenta (58%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (58%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.0777, 38.0074, 85.7257 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 62.0777, 38.0074, 85.7257 by changing the saturation by 10% instead.


 62.0777, 38.0074,
85.7257


 62.0777, 38.0074,
85.7257


421.9275,
337.6517, 534.2334

 45.3513, 25.9884,
63.8876


 106.9271, 72.1195,
143.2698

 31.9367, 16.8150,
46.1140

 135.7809, 94.9814,
179.8129

 21.4685, 10.1027,
31.9865


 169.4078,
122.2264, 222.0946

 13.5813, 5.4671,
21.0865

208.1733,
154.2389, 270.5337

 7.9098, 2.5238,
12.9954

252.4426,
191.4033, 325.5486

 4.0886, 0.8885,
7.2947

302.5812,

 1.7524, 0.0000,

234.1039, 387.5578

3.5658

358.9544,
282.7253, 456.9799

■ 0.4887, 0.0000,
1.3903

■ 0.0000, 0.0000,
0.1341

■ 62.0777, 38.0074,
85.7257

■ 62.0777, 38.0074,
85.7257

■ 59.3961, 33.2908,
82.8381

■ 65.5508, 44.2967,
88.9087

■ 57.4322, 30.0001,
80.2197

■ 69.8754, 52.2791,
92.4059

■ 56.1030, 27.9687,
77.8433

■ 75.1087, 62.0687,
96.2369

■ 55.2943, 26.9687,
75.6707

■ 81.3019, 73.7683,
100.4189

■ 55.1649, 26.8300,
75.2574

■ 88.5027, 87.4730,
104.9680

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.



50.2555, 38.0074, 135.5677



62.0777, 38.0074, 85.7257



66.6078, 38.0074, 40.2427

Triad

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



62.0777, 38.0074, 85.7257



35.7243, 38.0074, 3.3928



18.9105, 38.0074, 89.0079

Complementary

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



62.0777, 38.0074, 85.7257



45.3998, 76.0765, 31.0324

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.



16.7355, 38.0074, 42.5459



62.0777, 38.0074, 85.7257



24.9275, 38.0074, 5.6470

Square

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



62.0777, 38.0074, 85.7257



49.3926, 38.0074, 5.3473



18.6505, 38.0074, 15.7862



25.4753, 38.0074, 138.1237

Rectangle

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



62.0777, 38.0074, 85.7257



64.2071, 38.0074, 21.0175



18.6505, 38.0074, 15.7862



17.7219, 38.0074, 71.8970

Sweetspot

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



62.0785, 38.0089, 85.7264



82.0006, 75.0940, 100.8731



31.3071, 21.8603, 97.1771



17.2637, 15.5274, 21.4033



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.



62.0785, 38.0089, 85.7264



58.9562, 32.5369, 82.3034



53.4001, 34.5376, 40.0266



18.7031, 18.2645, 22.3195



28.8589, 14.0329, 39.5032



2.8331, 1.3756, 3.9686

Inverse Universe

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



62.0785, 38.0089, 85.7264



58.9562, 32.5369, 82.3034



51.7656, 78.6228, 64.5544



18.7031, 18.2645, 22.3195



28.8589, 14.0329, 39.5032



2.8331, 1.3756, 3.9686

Previews

White Background



This preview shows how the XYZ color 62.0777, 38.0074, 85.7257 looks on a white background.

Color Contrast Check

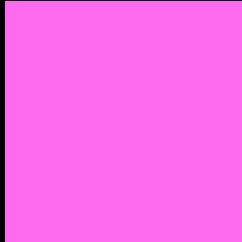
Large Text (above 18pt) WCAG AA × Fail

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 62.0777, 38.0074, 85.7257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

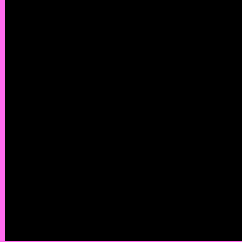
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.0777, 38.0074, 85.7257

Background



This preview shows how black text looks on a background with the XYZ color 62.0777, 38.0074, 85.7257.



This preview shows how white text looks on a background with the XYZ color 62.0777, 38.0074,

85.7257.

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

62.0777, 38.0074, 85.7257

Protanopia

40.6629, 38.3199, 99.8611

Deuteranopia

39.2354, 38.2838, 80.1845



Tritanopia

50.4420, 37.6886, 30.2072

Trichromacy



Original Color

62.0777, 38.0074, 85.7257



Protanomaly

45.0528, 35.8316, 94.1642



Deuteranomaly

44.5380, 35.8424, 81.6617



Tritanomaly

53.7302, 37.2967, 45.9621

Monochromacy



Original Color

62.0777, 38.0074, 85.7257



Achromatopsia

36.2450, 38.1326, 41.5264



Achromatomaly

43.0397, 36.1068, 55.1529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0777, 38.0074, 85.7257 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, 107, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 107, 239)  
}
```

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, 107, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 107, 239) }
```

Border

The CSS property to change the border of an element to XYZ 62.0777, 38.0074, 85.7257 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, 107, 239) }
```


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

```
.border{ border-color:rgb(255, 107, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 107, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 107, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 107, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 107,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0777, 38.0074, 85.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 107, 239) }
```

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

```
.background{ background-color: rgb(255,  
107, 239) }
```

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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