

Converting Colors

XYZ(59.2271, 38.8203, 64.6931)

Have a look what the booklet for
XYZ(59.2271, 38.8203, 64.6931)
contains.

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Color

**XYZ(59.2271, 38.8203,
64.6931)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76D1
RGB	255, 118, 209
RGB Percent	100%, 46%, 82%
CMY	0.0000, 0.5372, 0.1804
CMYK	0.00, 0.54, 0.18, 0.00
HSL	320°, 100%, 73%
HSV	320°, 54%, 100%
XYZ	59.2271, 38.8203, 64.6931
YIQ	169.3370, 52.4410, 57.3450

Conversions

Conversions Part 2

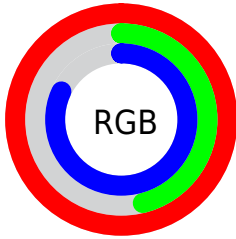
Format	Color
R _Y B	255, 118, 209
Decimal	16742097
CIE _{Lab}	68.62, 62.32, -22.24
CIE _{LCh}	69, 66.172, 340.362
Y _{xy}	38.8203, 0.3639, 0.2385
Android (android.graphics.Color)	4294932177 (0xFFFF76D1)
Y _{UV}	169.3370, 19.5539, 75.1265
Hunter-Lab	62.3059, 60.6441, -17.9475

Details

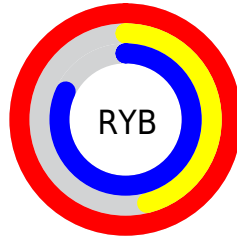
The XYZ color **59.2271, 38.8203, 64.6931** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **49.9336, 78.0526, 47.5588**, and the grayscale version is **37.7681, 39.7350, 43.2714**.

A 20% lighter version of the original color is **74.6200, 59.1399, 102.0900**, and **30.0072, 17.2727, 32.3243** is the 20% darker color. If you saturate the color by 10%, you get **55.5879, 33.1931, 58.3897**, and if you desaturate by 10%, it is **63.7365, 46.0966, 71.5686**.

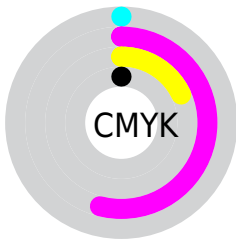
Distribution



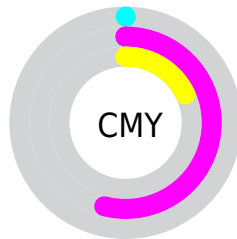
- Red (100%)
- Green (46%)
- Blue (82%)



- Red (100%)
- Yellow (46%)
- Blue (82%)



- Cyan (0%)
- Magenta (54%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2271, 38.8203, 64.6931 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 59.2271, 38.8203, 64.6931 by changing the saturation by 10% instead.


 59.2271, 38.8203,
64.6931


 59.2271, 38.8203,
64.6931


411.6235,
341.1259, 459.9643


 43.0430, 26.6200,
46.7625


 102.8204, 73.3637,
113.2176

 30.1136, 17.2880,
32.4949


 130.9603, 96.4756,
144.6485

 20.0733, 10.4400,
21.4719


 163.8163,
123.9934, 181.4167

 12.5569, 5.6917,
13.2748

201.7536,
156.3016, 223.9405

 7.1990, 2.6585,
7.4851

245.1376,
193.7846, 272.6387

 3.6343, 0.9562,
3.6843

294.3337,

 1.4974, 0.0000,

236.8267, 327.9297

1.4538

349.7072,
285.8123, 390.2320

■ 0.3241, 0.0000,
0.1831

■ 0.0000, 0.0000,
0.0000

■ 59.2271, 38.8203,
64.6931

■ 59.2271, 38.8203,
64.6931

■ 55.5879, 33.1931,
58.3897

■ 63.7365, 46.0966,
71.5686

■ 52.7483, 29.0754,
52.6292


■ 69.1740, 55.1364,
79.0383


■ 50.6305, 26.3132,
47.3816

■ 75.5951, 66.0498,
87.1256

■ 49.1389, 24.7162,
42.6103

■ 83.0505, 78.9363,
95.8512

 48.4368, 24.1387,
39.8281

 91.5870, 93.8884,
105.2349

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.



51.4907, 38.8203, 102.9808



59.2271, 38.8203, 64.6931



60.3869, 38.8203, 32.7449

Triad

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



59.2271, 38.8203, 64.6931



33.4020, 38.8203, 7.1811



23.6136, 38.8203, 91.5263

Complementary

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



59.2271, 38.8203, 64.6931



49.9336, 78.0526, 47.5588

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.



20.4589, 38.8203, 53.4804



59.2271, 38.8203, 64.6931



25.3604, 38.8203, 11.8460

Square

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



59.2271, 38.8203, 64.6931



44.0663, 38.8203, 7.9451



21.0315, 38.8203, 25.7367



30.5517, 38.8203, 122.8697

Rectangle

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



59.2271, 38.8203, 64.6931



57.0790, 38.8203, 19.3533



21.0315, 38.8203, 25.7367



22.1409, 38.8203, 78.5132

Sweetspot

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



59.2280, 38.8220, 64.6938



81.2593, 75.8233, 93.8070



39.7714, 28.0361, 97.9231



17.0565, 15.6465, 19.6893



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.



59.2280, 38.8220, 64.6938



55.4987, 33.0592, 58.2228



52.5150, 36.1368, 29.3439



18.5182, 18.1906, 21.3459



25.3817, 12.6420, 21.1921



2.5222, 1.2513, 2.3315

Inverse Universe

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



59.2280, 38.8220, 64.6938



55.4987, 33.0592, 58.2228



57.8215, 81.2078, 89.0961



18.5182, 18.1906, 21.3459



25.3817, 12.6420, 21.1921



2.5222, 1.2513, 2.3315

Previews

White Background



This preview shows how the XYZ color 59.2271, 38.8203, 64.6931 looks on a white background.

Color Contrast Check

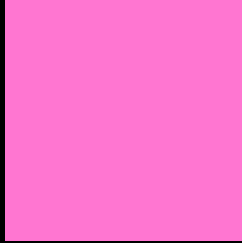
Large Text (above 18pt) WCAG AA × Fail

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 59.2271, 38.8203, 64.6931 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 59.2271, 38.8203, 64.6931

Background



This preview shows how black text looks on a background with the XYZ color 59.2271, 38.8203, 64.6931.



This preview shows how white text looks on a background with the XYZ color 59.2271, 38.8203,

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

59.2271, 38.8203, 64.6931

Protanopia

40.9396, 39.1927, 90.9951

Deuteranopia

39.7544, 38.9835, 60.6876



Tritanopia

52.0569, 38.7147, 30.7156

Trichromacy



Original Color

59.2271, 38.8203, 64.6931



Protanomaly

44.5421, 37.0166, 80.3986



Deuteranomaly

44.8860, 37.3692, 61.9740



Tritanomaly

54.4779, 38.7376, 41.1650

Monochromacy



Original Color

59.2271, 38.8203, 64.6931



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

43.3775, 37.5527, 50.3096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2271, 38.8203, 64.6931 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, 118, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 209)  
}
```

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, 118, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.2271, 38.8203, 64.6931 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, 118, 209) }
```


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

```
.border{ border-color:rgb(255, 118, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2271, 38.8203, 64.6931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 209) }
```

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

```
.background{ background-color: rgb(255,  
118, 209) }
```

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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