

Converting Colors

XYZ(58.9809, 38.7219, 63.3969)

Have a look what the booklet for
XYZ(58.9809, 38.7219, 63.3969)
contains.

XYZ(58.9809, 38.7219, 63.3969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.9809, 38.7219,
63.3969)**

Conversions

Conversions Part 1

Format	Color
Hex	FF76CF
RGB	255, 118, 207
RGB Percent	100%, 46%, 81%
CMY	0.0000, 0.5372, 0.1882
CMYK	0.00, 0.54, 0.19, 0.00
HSL	321°, 100%, 73%
HSV	321°, 54%, 100%
XYZ	58.9809, 38.7219, 63.3969
YIQ	169.1090, 53.0830, 56.7230

Conversions

Conversions Part 2

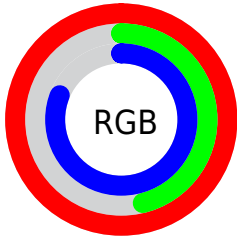
Format	Color
R _Y B	255, 118, 207
Decimal	16742095
CIE Lab	68.55, 62.04, -21.23
CIE LCh	69, 65.571, 341.108
Yxy	38.7219, 0.3661, 0.2404
Android (android.graphics.Color)	4294932175 (0xFFFF76CF)
YUV	169.1090, 18.6803, 75.3264
Hunter-Lab	62.2269, 60.2916, -16.8459

Details

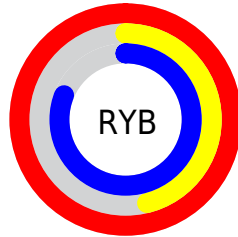
The XYZ color **58.9809, 38.7219, 63.3969** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.1158, 78.1255, 48.5181**, and the grayscale version is **37.6595, 39.6207, 43.1469**.

A 20% lighter version of the original color is **74.6200, 59.1399, 102.0900**, and **29.9242, 17.2395, 31.8874** is the 20% darker color. If you saturate the color by 10%, you get **55.3119, 33.0828, 56.9364**, and if you desaturate by 10%, it is **63.5251, 46.0122, 70.4550**.

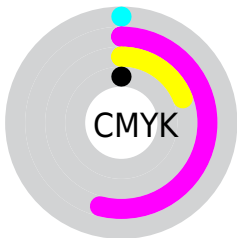
Distribution



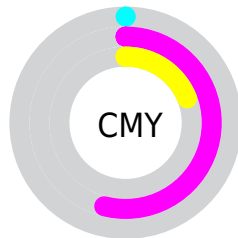
- Red (100%)
- Green (46%)
- Blue (81%)



- Red (100%)
- Yellow (46%)
- Blue (81%)



- Cyan (0%)
- Magenta (54%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.9809, 38.7219, 63.3969 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 58.9809, 38.7219, 63.3969 by changing the saturation by 10% instead.


 58.9809, 38.7219,
63.3969


 58.9809, 38.7219,
63.3969


410.7263,
340.7067, 455.1560


 42.8441, 26.5435,
45.7193


 102.4647, 73.2133,
111.3330

 29.9568, 17.2306,
31.6773


 130.5423, 96.2950,
142.4286

 19.9537, 10.3991,
20.8524


 163.3310,
123.7799, 178.8340

 12.4694, 5.6643,
12.8259

201.1960,
156.0525, 220.9676

 7.1387, 2.6421,
7.1795

244.5026,
193.4971, 269.2481

 3.5961, 0.9479,
3.4945

293.6163,

 1.4763, 0.0000,

236.4980, 324.0940

1.3523

348.9024,
285.4397, 385.9238

■ 0.3096, 0.0000,
0.1041

■ 0.0000, 0.0000,
0.0000

■ 58.9809, 38.7219,
63.3969

■ 58.9809, 38.7219,
63.3969

■ 55.3119, 33.0828,
56.9364

■ 63.5251, 46.0122,
70.4550

■ 52.4472, 28.9550,
51.0435

■ 69.0023, 55.0679,
78.1336

■ 50.3089, 26.1845,
45.6877

■ 75.4682, 65.9992,
86.4564

■ 48.8011, 24.5811,
40.8316

■ 82.9735, 78.9057,
95.4450

■ 48.0912, 24.0005,
38.0077

■ 91.5652, 93.8800,
105.1195

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.



51.4714, 38.7219, 101.2008



58.9809, 38.7219, 63.3969



59.9420, 38.7219, 32.1231

Triad

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



58.9809, 38.7219, 63.3969



33.1079, 38.7219, 7.3494



23.7731, 38.7219, 91.7215

Complementary

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



58.9809, 38.7219, 63.3969



50.1158, 78.1255, 48.5181

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.



20.5494, 38.7219, 54.0997



58.9809, 38.7219, 63.3969



25.2268, 38.7219, 12.1807

Square

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



58.9809, 38.7219, 63.3969



43.6184, 38.7219, 7.9910



21.0264, 38.7219, 26.2924



30.7390, 38.7219, 122.1497

Rectangle

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



58.9809, 38.7219, 63.3969



56.5680, 38.7219, 19.0691



21.0264, 38.7219, 26.2924



22.2806, 38.7219, 78.9162

Sweetspot

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



58.9819, 38.7237, 63.3976



81.1703, 75.7877, 93.3382



40.2458, 28.2808, 97.9453



17.0352, 15.6380, 19.5771



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.



58.9819, 38.7237, 63.3976



55.2219, 32.9485, 56.7653



52.3472, 36.0698, 28.4597



18.5065, 18.1859, 21.2844



25.2021, 12.5701, 20.2464



2.5056, 1.2446, 2.2440

Inverse Universe

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



58.9819, 38.7237, 63.3976



55.2219, 32.9485, 56.7653



58.1484, 81.3386, 90.8173



18.5065, 18.1859, 21.2844



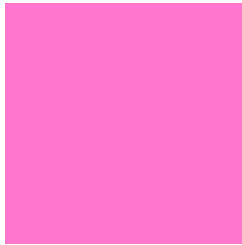
25.2021, 12.5701, 20.2464



2.5056, 1.2446, 2.2440

Previews

White Background



This preview shows how the XYZ color 58.9809, 38.7219, 63.3969 looks on a white background.

Color Contrast Check

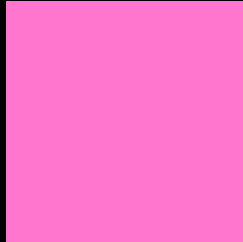
Large Text (above 18pt) WCAG AA × Fail

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 58.9809, 38.7219, 63.3969 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 58.9809, 38.7219, 63.3969

Background



This preview shows how black text looks on a background with the XYZ color 58.9809, 38.7219, 63.3969.



This preview shows how white text looks on a background with the XYZ color 58.9809, 38.7219,

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

58.9809, 38.7219, 63.3969

Protanopia

40.8098, 39.1607, 89.4123

Deuteranopia

39.7327, 38.9993, 59.4663



Tritanopia

52.2007, 38.5953, 30.2895

Trichromacy



Original Color

58.9809, 38.7219, 63.3969



Protanomaly

44.4999, 37.0273, 78.9303



Deuteranomaly

44.9138, 37.4111, 60.7310



Tritanomaly

54.2560, 38.4411, 40.6367

Monochromacy



Original Color

58.9809, 38.7219, 63.3969



Achromatopsia

37.7116, 39.6755, 43.2066



Achromatomaly

43.2730, 37.5110, 49.7593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9809, 38.7219, 63.3969 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.9809, 38.7219, 63.3969 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, 207) }
```


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

```
.border{ border-color:rgb(255, 118, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9809, 38.7219, 63.3969 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, 207) }
```

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

```
.background{ background-color: rgb(255,  
118, 207) }
```

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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