

Converting Colors

XYZ(58.0826, 34.3944, 70.8993)

Have a look what the booklet for
XYZ(58.0826, 34.3944, 70.8993)
contains.

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Color

**XYZ(58.0289, 34.3799,
70.5954)**

Conversions

Conversions Part 1

Format	Color
Hex	FF5EDB
RGB	255, 94, 219
RGB Percent	100%, 37%, 86%
CMY	0.0000, 0.6313, 0.1412
CMYK	0.00, 0.63, 0.14, 0.00
HSL	313°, 100%, 68%
HSV	313°, 63%, 100%
XYZ	58.0289, 34.3799, 70.5954
YIQ	156.3890, 55.8310, 73.0070

Conversions

Conversions Part 2

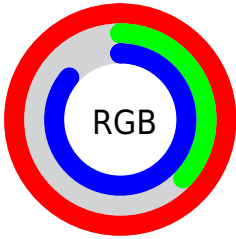
Format	Color
R _{YB}	255, 94, 219
Decimal	16735963
CIE Lab	65.26, 73.90, -32.99
CIE LCh	65, 80.928, 335.940
Yxy	34.3799, 0.3560, 0.2109
Android (android.graphics.Color)	4294926043 (0xFFFF5EDB)
YUV	156.3890, 30.8672, 86.4818
Hunter-Lab	58.6344, 74.0466, -30.3407

Details

The XYZ color **58.0289, 34.3799, 70.5954** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **44.4067, 75.5120, 33.3566**, and the grayscale version is **31.6241, 33.2710, 36.2321**.

A 20% lighter version of the original color is **70.6812, 51.2625, 100.7771**, and **29.4567, 14.7827, 36.4228** is the 20% darker color. If you saturate the color by 10%, you get **55.3862, 30.2753, 66.0742**, and if you desaturate by 10%, it is **61.4476, 39.9950, 75.5029**.

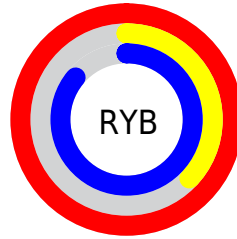
Distribution



Red (100%)

Green (37%)

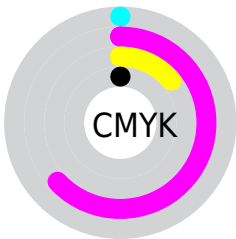
Blue (86%)



Red (100%)

Yellow (37%)

Blue (86%)

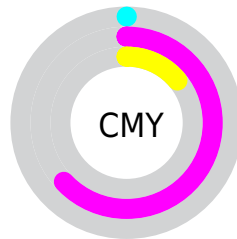


Cyan (0%)

Magenta (63%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (63%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0289, 34.3799, 70.5954 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 58.0289, 34.3799, 70.5954 by changing the saturation by 10% instead.


 58.0289, 34.3799,
70.5954

 58.0289, 34.3799,
70.5954


407.2457,
321.8227, 481.4833


 42.0752, 23.1856,
51.5323


 101.0877, 66.5240,
121.7465


 29.3516, 14.7306,
36.2527


 128.9235, 88.2426,
154.6716

 19.4926, 8.6305,
24.3382


 161.4507,
114.2381, 193.0544

 12.1328, 4.5010,
15.3702

 199.0347,
144.8949, 237.3135

 6.9071, 1.9576,
8.9301

242.0409,
180.5973, 287.8674

 3.4499, 0.5826,
4.5994

290.8345,

 1.3959, 0.0000,

221.7299, 345.1346

1.9596

345.7810,
268.6769, 409.5337

■ 0.2533, 0.0000,
0.5303

■ 0.0000, 0.0000,
0.0000

■ 58.0289, 34.3799,
70.5954

■ 58.0289, 34.3799,
70.5954

■ 55.3862, 30.2753,
66.0742

■ 61.4476, 39.9950,
75.5029

■ 53.4398, 27.5226,
61.9104

■ 65.7065, 47.2493,
80.8182

■ 52.0966, 25.9361,
58.0720

■ 70.8661, 56.2628,
86.5630

■ 51.4307, 25.3363,
55.5933

■ 76.9801, 67.1430,
92.7566

84.0984, 79.9888,
99.4166

92.2669, 94.8921,
106.5595

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.



47.8553, 34.3799, 118.3400



58.0289, 34.3799, 70.5954



60.7785, 34.3799, 31.1140

Triad

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



58.0289, 34.3799, 70.5954



30.3886, 34.3799, 2.8836



17.5557, 34.3799, 89.8730

Complementary

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



58.0289, 34.3799, 70.5954



44.4067, 75.5120, 33.3566

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.



14.9296, 34.3799, 44.5564



58.0289, 34.3799, 70.5954



21.1044, 34.3799, 5.6475

Square

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



58.0289, 34.3799, 70.5954



42.8081, 34.3799, 3.9507



16.0517, 34.3799, 16.7272



24.2856, 34.3799, 133.3972

Rectangle

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



58.0289, 34.3799, 70.5954



57.5694, 34.3799, 15.6246



16.0517, 34.3799, 16.7272



16.2481, 34.3799, 73.5819

Sweetspot

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



58.0297, 34.3814, 70.5960



79.7983, 72.2097, 95.4523



31.0900, 19.8854, 96.8074



16.6588, 14.6977, 20.0297



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.



58.0297, 34.3814, 70.5960



54.7608, 29.3554, 64.8455



49.9493, 31.1492, 28.0451



18.6086, 18.2268, 21.8220



26.9325, 13.2623, 29.3589



2.6630, 1.3076, 3.0728

Inverse Universe

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



58.0297, 34.3814, 70.5960



54.7608, 29.3554, 64.8455



51.9334, 78.5227, 72.9915



18.6086, 18.2268, 21.8220



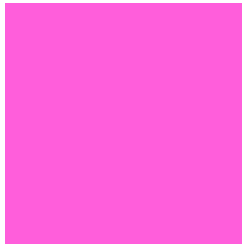
26.9325, 13.2623, 29.3589



2.6630, 1.3076, 3.0728

Previews

White Background



This preview shows how the XYZ color 58.0289, 34.3799, 70.5954 looks on a white background.

Color Contrast Check

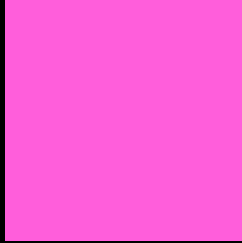
Large Text (above 18pt) WCAG AA × Fail

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 58.0289, 34.3799, 70.5954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

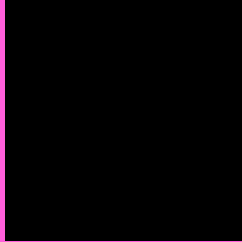
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0289, 34.3799, 70.5954

Background



This preview shows how black text looks on a background with the XYZ color 58.0289, 34.3799, 70.5954.

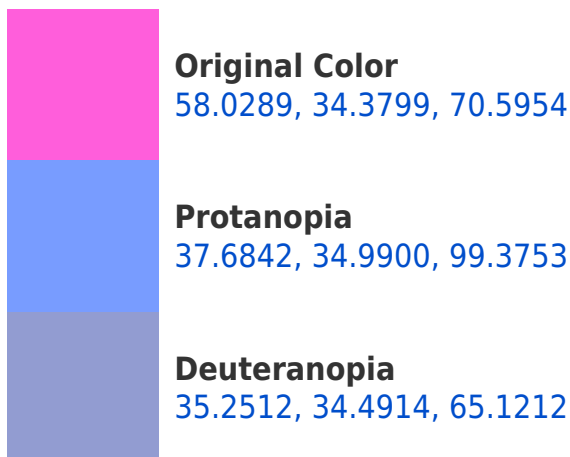


This preview shows how white text looks on a background with the XYZ color 58.0289, 34.3799,

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





Tritanopia

48.4336, 34.3188, 24.1501

Trichromacy



Original Color

58.0289, 34.3799, 70.5954



Protanomaly

40.7767, 31.6209, 87.9587



Deuteranomaly

40.6475, 32.0183, 66.9886



Tritanomaly

50.9880, 33.8297, 37.1001

Monochromacy



Original Color

58.0289, 34.3799, 70.5954



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

38.2624, 31.2362, 46.6604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0289, 34.3799, 70.5954 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, 94, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 94, 219)  
}
```

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, 94, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 94, 219) }
```

Border

The CSS property to change the border of an element to XYZ 58.0289, 34.3799, 70.5954 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, 94, 219) }
```


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

```
.border{ border-color:rgb(255, 94, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 94, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 94, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 94, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 94,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0289, 34.3799, 70.5954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 94, 219) }
```

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

```
.background{ background-color: rgb(255, 94,  
219) }
```

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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