

Converting Colors

XYZ(58.8936, 34.4339, 88.3371)

Have a look what the booklet for
XYZ(58.8936, 34.4339, 88.3371)
contains.

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Color

**XYZ(58.8918, 34.4329,
88.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	F85EF3
RGB	248, 94, 243
RGB Percent	97%, 37%, 95%
CMY	0.0274, 0.6313, 0.0471
CMYK	0.00, 0.62, 0.02, 0.03
HSL	302°, 92%, 67%
HSV	302°, 62%, 97%
XYZ	58.8918, 34.4329, 88.3363
YIQ	157.0320, 43.9550, 78.9870

Conversions

Conversions Part 2

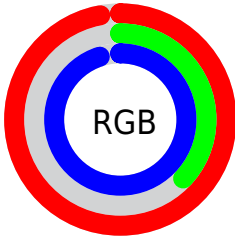
Format	Color
R _Y B	248, 94, 243
Decimal	16277235
CIE Lab	65.30, 75.81, -46.35
CIE LCh	65, 88.857, 328.557
Yxy	34.4329, 0.3242, 0.1895
Android (android.graphics.Color)	4294467315 (0xFFFF85EF3)
YUV	157.0320, 42.3822, 79.7789
Hunter-Lab	58.6796, 76.4564, -48.1796

Details

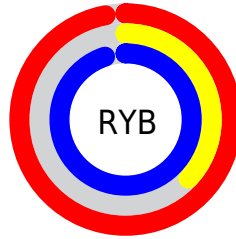
The XYZ color **58.8918, 34.4329, 88.3363** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **40.4372, 70.4169, 23.2669**, and the grayscale version is **31.8654, 33.5249, 36.5086**.

A 20% lighter version of the original color is **70.6812, 51.2625, 100.7771**, and **29.8521, 14.7368, 47.7255** is the 20% darker color. If you saturate the color by 10%, you get **56.9092, 30.6610, 87.0769**, and if you desaturate by 10%, it is **61.5856, 39.6244, 89.8359**.

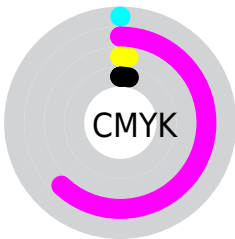
Distribution



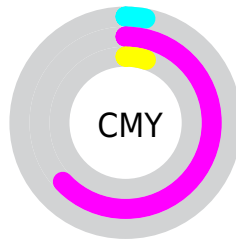
- Red (97%)
- Green (37%)
- Blue (95%)



- Red (97%)
- Yellow (37%)
- Blue (95%)



- Cyan (0%)
- Magenta (62%)
- Yellow (2%)
- Black (3%)





- Cyan (3%)
- Magenta (63%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.8918, 34.4329, 88.3363 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 58.8918, 34.4329, 88.3363 by changing the saturation by 10% instead.


 58.8918, 34.4329,
88.3363


 58.8918, 34.4329,
88.3363


410.4013,
322.0581, 543.0337


 42.7721, 23.2264,
66.0357

 102.3359, 66.6063,
146.9405


 29.9001, 14.7607,
47.8447


 130.3910, 88.3420,
184.0812

 19.9104, 8.6516,
33.3448


 163.1553,
114.3561, 227.0057

 12.4378, 4.5147,
22.1175

 200.9940,
145.0331, 276.1325

 7.1169, 1.9654,
13.7441

244.2726,
180.7575, 331.8802

 3.5823, 0.5873,
7.8062

293.3565,

 1.4687, 0.0000,

221.9134, 394.6672

3.8852

348.6109,
268.8855, 464.9122

■ 0.3044, 0.0000,
1.5626

■ 0.0000, 0.0000,
0.2639

■ 58.8918, 34.4329,
88.3363

■ 58.8918, 34.4329,
88.3363

■ 56.9092, 30.6610,
87.0769

■ 61.5856, 39.6244,
89.8359

■ 55.5634, 28.1628,
86.0321


■ 65.0480, 46.3533,
91.5942


■ 54.7704, 26.7694,
85.1742


■ 69.3351, 54.7307,
93.6299


■ 54.4324, 26.2449,
84.5942


■ 74.4965, 64.8560,
95.9598

 80.5781, 76.8206,
98.5990

 87.6225, 90.7099,
101.5617

 91.5145, 98.2938,
103.4764

 91.6402, 98.3441,
104.1383

 91.7664, 98.3945,
104.8030

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.1283, 34.4329, 141.4494



58.8918, 34.4329, 88.3363



64.4547, 34.4329, 39.3160

Triad

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



58.8918, 34.4329, 88.3363



33.3584, 34.4329, 1.8430



15.3698, 34.4329, 82.9430

Complementary

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



58.8918, 34.4329, 88.3363



40.4372, 70.4169, 23.2669

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.



13.6161, 34.4329, 35.7245



58.8918, 34.4329, 88.3363



22.2113, 34.4329, 3.2647

Square

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



58.8918, 34.4329, 88.3363



47.5069, 34.4329, 3.6303



15.7518, 34.4329, 11.2426



21.3832, 34.4329, 137.1422

Rectangle

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



58.8918, 34.4329, 88.3363



62.4546, 34.4329, 19.0715



15.7518, 34.4329, 11.2426



14.3457, 34.4329, 65.0658

Sweetspot

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



58.8931, 34.4345, 88.3370



81.2416, 72.7870, 103.0526



25.8313, 17.3020, 90.7865



17.0125, 14.8392, 21.8920



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.



58.8931, 34.4345, 88.3370



60.1253, 31.7251, 92.4047



49.8240, 30.8069, 40.5802



17.9673, 17.5143, 21.6833



29.4146, 14.1816, 45.7534



2.7317, 1.3164, 4.2767

Inverse Universe

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



58.8931, 34.4345, 88.3370



60.1253, 31.7251, 92.4047



45.7829, 72.5552, 51.4169



17.9673, 17.5143, 21.6833



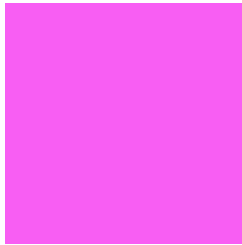
29.4146, 14.1816, 45.7534



2.7317, 1.3164, 4.2767

Previews

White Background



This preview shows how the XYZ color 58.8918, 34.4329, 88.3363 looks on a white background.

Color Contrast Check

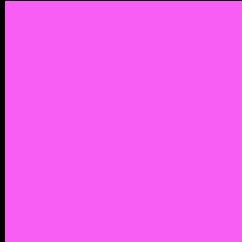
Large Text (above 18pt) WCAG AA × Fail

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 58.8918, 34.4329, 88.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

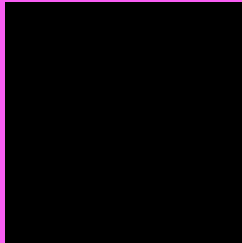
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8918, 34.4329, 88.3363

Background



This preview shows how black text looks on a background with the XYZ color 58.8918, 34.4329, 88.3363.



This preview shows how white text looks on a background with the XYZ color 58.8918, 34.4329,

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

58.8918, 34.4329, 88.3363

Protanopia

37.5462, 34.9189, 99.3689

Deuteranopia

35.8369, 34.9261, 81.9434



Tritanopia

46.2288, 34.2213, 26.7231

Trichromacy



Original Color

58.8918, 34.4329, 88.3363



Protanomaly

41.5260, 31.8471, 95.2252



Deuteranomaly

40.9633, 32.2130, 84.1795



Tritanomaly

49.5925, 33.6159, 43.9191

Monochromacy



Original Color

58.8918, 34.4329, 88.3363



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

38.8374, 31.6282, 51.6348

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8918, 34.4329, 88.3363 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(248, 94, 243)` looks like.

```
.text, #text, p{  
    color:rgb(248, 94, 243)  
}
```

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(248, 94, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 94, 243) }
```

Border

The CSS property to change the border of an element to XYZ 58.8918, 34.4329, 88.3363 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(248, 94, 243) }
```


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

```
.border{ border-color:rgb(248, 94, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 94, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 94, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 94, 243);  
box-shadow:4px 4px 4px 4px rgb(248, 94,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8918, 34.4329, 88.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 94, 243) }
```

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

```
.background{ background-color: rgb(248, 94,  
243) }
```

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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