

Converting Colors

XYZ(59.5333, 34.2868, 98.0880)

Have a look what the booklet for
XYZ(59.5333, 34.2868, 98.0880)
contains.

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Color

**XYZ(59.5333, 34.2868,
98.0880)**

Conversions

Conversions Part 1

Format	Color
Hex	F55CFF
RGB	245, 92, 255
RGB Percent	96%, 36%, 100%
CMY	0.0392, 0.6392, 0.0000
CMYK	0.04, 0.64, 0.00, 0.00
HSL	296°, 100%, 68%
HSV	296°, 64%, 100%
XYZ	59.5333, 34.2868, 98.0880
YIQ	156.3290, 38.8650, 83.1290

Conversions

Conversions Part 2

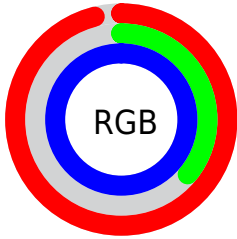
Format	Color
R _Y B	245, 92, 255
Decimal	16080127
CIE Lab	65.19, 77.85, -53.18
CIE LCh	65, 94.277, 325.663
Yxy	34.2868, 0.3102, 0.1787
Android (android.graphics.Color)	4294270207 (0xFFFF55CFF)
YUV	156.3290, 48.6448, 77.7645
Hunter-Lab	58.5549, 79.0113, -58.3309

Details

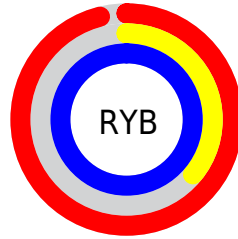
The XYZ color **59.5333, 34.2868, 98.0880** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **43.1722, 75.1179, 22.3506**, and the grayscale version is **31.5258, 33.1676, 36.1195**.

A 20% lighter version of the original color is **70.3566, 50.6132, 100.6689**, and **30.3577, 14.7056, 54.6645** is the 20% darker color. If you saturate the color by 10%, you get **57.1413, 30.3086, 97.4462**, and if you desaturate by 10%, it is **62.6754, 39.7564, 98.9781**.

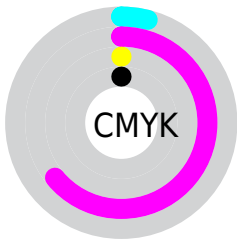
Distribution



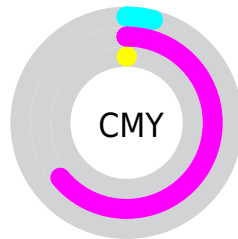
- Red (96%)
- Green (36%)
- Blue (100%)



- Red (96%)
- Yellow (36%)
- Blue (100%)



- Cyan (4%)
- Magenta (64%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (64%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5333, 34.2868, 98.0880 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 59.5333, 34.2868, 98.0880 by changing the saturation by 10% instead.

 59.5333, 34.2868,
98.0880


 59.5333, 34.2868,
98.0880


412.7377,
321.4090, 575.2393


 43.2906, 23.1140,
74.0967

 103.2626, 66.3794,
160.5561


 30.3087, 14.6777,
54.3760


 131.4798, 88.0680,
199.8699

 20.2222, 8.5935,
38.5071


 164.4193,
114.0307, 245.1284

 12.6659, 4.4770,
26.0716

 202.4464,
144.6519, 296.7501

 7.2743, 1.9438,
16.6510

245.9264,
180.3159, 355.1535

 3.6821, 0.5745,
9.8266

295.2248,

 1.5239, 0.0000,

221.4071, 420.7571

5.1801

350.7068,
268.3101, 493.9795

■ 0.3420, 0.0000,
2.2927

■ 0.0000, 0.0000,
0.7271

■ 59.5333, 34.2868,
98.0880

■ 59.5333, 34.2868,
98.0880

■ 57.1413, 30.3086,
97.4462

■ 62.6754, 39.7564,
98.9781

■ 55.4176, 27.6612,
97.0260

■ 66.6311, 46.8473,
100.1383

■ 54.2682, 26.1555,
96.7960

■ 71.4613, 55.6804,
101.5887

■ 53.7675, 25.6331,
96.7216

■ 77.2202, 66.3640,
103.3473

83.9575, 78.9974,
105.4307

91.7194, 93.6730,
107.8543

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.



45.3776, 34.2868, 154.9454



59.5333, 34.2868, 98.0880



66.5374, 34.2868, 43.3315

Triad

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



59.5333, 34.2868, 98.0880



34.6210, 34.2868, 1.3226



14.1469, 34.2868, 80.4545

Complementary

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



59.5333, 34.2868, 98.0880



43.1722, 75.1179, 22.3506

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.



12.7493, 34.2868, 31.9144



59.5333, 34.2868, 98.0880



22.4612, 34.2868, 2.2651

Square

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



59.5333, 34.2868, 98.0880



49.8162, 34.2868, 3.2648



15.3196, 34.2868, 8.9023



19.8757, 34.2868, 140.6770

Rectangle

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



59.5333, 34.2868, 98.0880



65.0951, 34.2868, 20.4462



15.3196, 34.2868, 8.9023



13.2382, 34.2868, 61.6248

Sweetspot

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



59.5345, 34.2883, 98.0882



80.4090, 72.3286, 104.3305



27.3020, 19.1710, 96.8691



16.8077, 14.7265, 22.2066



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.



59.5345, 34.2883, 98.0882



56.5428, 29.3588, 97.2944



53.7583, 32.3917, 48.9697



18.6761, 18.2403, 22.7863



28.1419, 13.4182, 50.5413



2.7721, 1.3230, 4.9225

Inverse Universe

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



47.4663, 29.8749, 15.8365



43.9136, 24.8031, 8.3829



46.7527, 76.4270, 46.7680



18.0545, 18.0051, 18.9044



21.6135, 11.1347, 1.3493



2.1196, 1.0902, 0.2110

Previews

White Background



This preview shows how the XYZ color 59.5333, 34.2868, 98.0880 looks on a white background.

Color Contrast Check

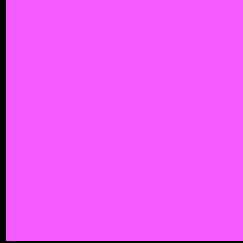
Large Text (above 18pt) WCAG AA × Fail

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 59.5333, 34.2868, 98.0880 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 59.5333, 34.2868, 98.0880

Background



This preview shows how black text looks on a background with the XYZ color 59.5333, 34.2868, 98.0880.



This preview shows how white text looks on a background with the XYZ color 59.5333, 34.2868,

98.0880.

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

59.5333, 34.2868, 98.0880

Protanopia

37.2426, 34.5142, 99.3068

Deuteranopia

35.6262, 34.6302, 90.3945



Tritanopia

45.0597, 33.9738, 27.8496

Trichromacy



Original Color

59.5333, 34.2868, 98.0880



Protanomaly

41.6111, 31.6150, 98.5169



Deuteranomaly

40.3687, 31.5089, 92.7611

Tritanomaly

48.8476, 33.1628, 47.0065

Monochromacy



Original Color

59.5333, 34.2868, 98.0880



Achromatopsia

31.5995, 33.2452, 36.2040



Achromatomaly

38.6410, 31.2722, 53.8687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5333, 34.2868, 98.0880 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(245, 92, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 92, 255)  
}
```

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(245, 92, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 92, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.5333, 34.2868, 98.0880 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(245, 92, 255) }
```


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

```
.border{ border-color:rgb(245, 92, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 92, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 92, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 92, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 92,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5333, 34.2868, 98.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 92, 255) }
```

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

```
.background{ background-color: rgb(245, 92,  
255) }
```

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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