

Converting Colors

XYZ(58.6914, 33.3968, 85.0142)

Have a look what the booklet for
XYZ(58.6914, 33.3968, 85.0142)
contains.

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Color

**XYZ(58.6914, 33.3968,
85.0142)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FB56EF |
| RGB | 251, 86, 239 |
| RGB Percent | 98%, 34%, 94% |
| CMY | 0.0157, 0.6627, 0.0627 |
| CMYK | 0.00, 0.66, 0.05, 0.02 |
| HSL | 304°, 95%, 66% |
| HSV | 304°, 66%, 98% |
| XYZ | 58.6914, 33.3968, 85.0142 |
| YIQ | 152.7770, 49.2270, 82.5630 |

Conversions

Conversions Part 2

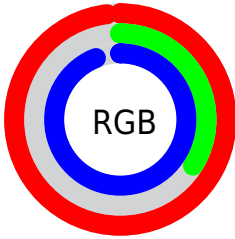
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 251, 86, 239 |
| Decimal | 16471791 |
| CIE Lab | 64.48, 78.88, -45.40 |
| CIE LCh | 64, 91.011, 330.073 |
| Yxy | 33.3968, 0.3314, 0.1886 |
| Android (android.graphics.Color) | 4294661871 (0xFFFB56EF) |
| YUV | 152.7770, 42.5079, 86.1416 |
| Hunter-Lab | 57.7900, 80.1519, -46.7679 |

Details

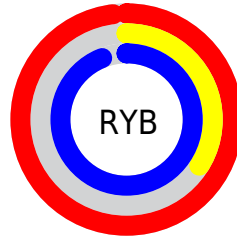
The XYZ color **58.6914, 33.3968, 85.0142** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **40.5411, 71.8560, 23.2903**, and the grayscale version is **29.9895, 31.5512, 34.3593**.

A 20% lighter version of the original color is **69.5689, 49.0378, 100.4063**, and **29.9294, 14.4538, 45.4684** is the 20% darker color. If you saturate the color by 10%, you get **56.7596, 29.9618, 83.0465**, and if you desaturate by 10%, it is **61.3316, 38.2425, 87.2320**.

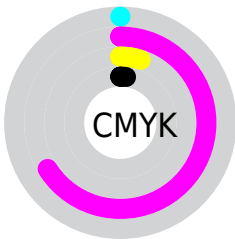
Distribution



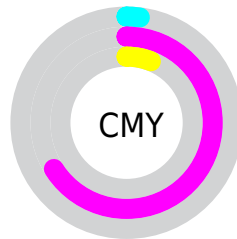
- Red (98%)
- Green (34%)
- Blue (94%)



- Red (98%)
- Yellow (34%)
- Blue (94%)



- Cyan (0%)
- Magenta (66%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (66%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6914, 33.3968, 85.0142 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 58.6914, 33.3968, 85.0142 by changing the saturation by 10% instead.


 58.6914, 33.3968,
85.0142


 58.6914, 33.3968,
85.0142


409.6698,
317.4340, 531.8209


 42.6102, 22.4306,
63.3029

 102.0462, 64.9945,
142.2674

 29.7726, 14.1736,
45.6437


 130.0505, 86.3949,
178.6463

 19.8132, 8.2415,
31.6181


 162.7598,
112.0420, 220.7515

 12.3668, 4.2499,
20.8076

 200.5396,
142.3204, 269.0016

 7.0680, 1.8143,
12.7936

243.7551,
177.6144, 323.8150

 3.5514, 0.4961,
7.1575

292.7717,

 1.4516, 0.0000,

218.3084, 385.6103

3.4809

347.9548,
264.7868, 454.8061

■ 0.2925, 0.0000,
1.3451

■ 0.0000, 0.0000,
0.0983

■ 58.6914, 33.3968,
85.0142

■ 58.6914, 33.3968,
85.0142

■ 56.7596, 29.9618,
83.0465

■ 61.3316, 38.2425,
87.2320

■ 55.4551, 27.7780,
81.3010

■ 64.7428, 44.6266,
89.7201

■ 54.6834, 26.6553,
79.7464

■ 68.9847, 52.6679,
92.4986

■ 54.4556, 26.3781,
79.1211

■ 74.1104, 62.4721,
95.5852

80.1682, 74.1365,
98.9962

87.2033, 87.7508,
102.7465

93.0800, 99.0438,
106.1244

93.3704, 99.1600,
107.6539

93.5941, 99.2495,
108.8319

Harmonies

Analogous

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



45.9802, 33.3968, 140.0774



58.6914, 33.3968, 85.0142



63.8540, 33.3968, 36.2720

Triad

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



58.6914, 33.3968, 85.0142



31.7107, 33.3968, 1.4817



14.6594, 33.3968, 85.2938

Complementary

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



58.6914, 33.3968, 85.0142



40.5411, 71.8560, 23.2903

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.



12.7404, 33.3968, 36.4551



58.6914, 33.3968, 85.0142



20.7970, 33.3968, 2.9399

Square

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



58.6914, 33.3968, 85.0142



45.9093, 33.3968, 2.9228



14.6403, 33.3968, 11.0736



20.8388, 33.3968, 140.3025

Rectangle

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



58.6914, 33.3968, 85.0142



61.4660, 33.3968, 16.9190



14.6403, 33.3968, 11.0736



13.5842, 33.3968, 66.8646

Sweetspot

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



58.6926, 33.3984, 85.0149



80.2913, 71.4291, 101.0625



25.6718, 16.1638, 93.0347



16.8117, 14.5691, 21.4201



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.



58.6926, 33.3984, 85.0149



58.3182, 30.1686, 85.4585



49.2416, 29.6179, 35.2464



17.9353, 17.5015, 21.5153



28.6473, 13.8747, 41.7128



2.6691, 1.2914, 3.9467

Inverse Universe

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



58.6926, 33.3984, 85.0149



58.3182, 30.1686, 85.4585



46.5239, 74.2491, 54.7951



17.9353, 17.5015, 21.5153



28.6473, 13.8747, 41.7128



2.6691, 1.2914, 3.9467

Previews

White Background



This preview shows how the XYZ color 58.6914, 33.3968, 85.0142 looks on a white background.

Color Contrast Check

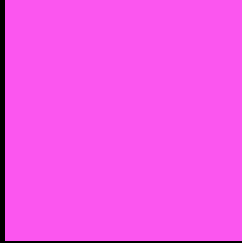
Large Text (above 18pt) WCAG AA × Fail

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 58.6914, 33.3968, 85.0142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

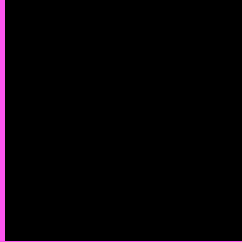
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6914, 33.3968, 85.0142

Background



This preview shows how black text looks on a background with the XYZ color 58.6914, 33.3968, 85.0142.



This preview shows how white text looks on a background with the XYZ color 58.6914, 33.3968,

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

58.6914, 33.3968, 85.0142

Protanopia

36.6758, 33.9760, 99.2327

Deuteranopia

34.4773, 33.5562, 78.0586



Tritanopia

46.0897, 33.1029, 24.3824

Trichromacy



Original Color

58.6914, 33.3968, 85.0142



Protanomaly

40.2590, 30.4326, 93.3747



Deuteranomaly

39.5614, 30.5621, 80.1579



Tritanomaly

49.2877, 32.3972, 40.7013

Monochromacy



Original Color

58.6914, 33.3968, 85.0142



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

37.4883, 29.9800, 49.1583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6914, 33.3968, 85.0142 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(251, 86, 239)` looks like.

```
.text, #text, p{  
    color:rgb(251, 86, 239)  
}
```

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(251, 86, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 86, 239) }
```

Border

The CSS property to change the border of an element to XYZ 58.6914, 33.3968, 85.0142 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(251, 86, 239) }
```


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

```
.border{ border-color:rgb(251, 86, 239) }
```

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

Here you see how a box with a 4 pixel rgb(251, 86, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 86, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 86, 239);  
box-shadow:4px 4px 4px 4px rgb(251, 86,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6914, 33.3968, 85.0142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 86, 239) }
```

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

```
.background{ background-color: rgb(251, 86,  
239) }
```

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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