

Converting Colors

XYZ(68.0346, 58.7609, 94.7266)

Have a look what the booklet for
XYZ(68.0346, 58.7609, 94.7266)
contains.

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Color

**XYZ(68.2445, 59.0139,
94.9827)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EBB9F6 |
| RGB | 235, 185, 246 |
| RGB Percent | 92%, 73%, 96% |
| CMY | 0.0784, 0.2745, 0.0353 |
| CMYK | 0.04, 0.25, 0.00, 0.04 |
| HSL | 289°, 77%, 85% |
| HSV | 289°, 25%, 96% |
| XYZ | 68.2445, 59.0139, 94.9827 |
| YIQ | 206.9040, 10.2190, 29.5710 |

Conversions

Conversions Part 2

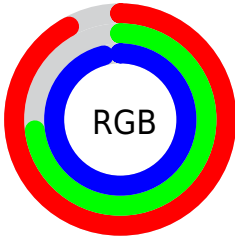
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 235, 185, 246 |
| Decimal | 15448566 |
| CIE Lab | 81.30, 28.33, -23.34 |
| CIE LCh | 81, 36.710, 320.518 |
| Yxy | 59.0139, 0.3071, 0.2655 |
| Android (android.graphics.Color) | 4293638646 (0xFFEBB9F6) |
| YUV | 206.9040, 19.2743, 24.6402 |
| Hunter-Lab | 76.8205, 24.1369, -19.5332 |

Details

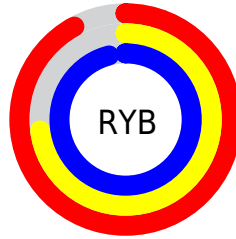
The XYZ color **68.2445, 59.0139, 94.9827** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.4796, 81.1515, 58.1671**, and the grayscale version is **59.1232, 62.2022, 67.7382**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **36.0010, 29.5340, 52.5184** is the 20% darker color. If you saturate the color by 10%, you get **62.0909, 48.8529, 93.3467**, and if you desaturate by 10%, it is **75.3286, 70.9794, 96.9198**.

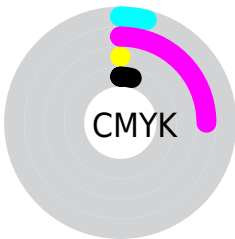
Distribution



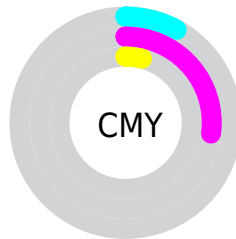
- Red (92%)
- Green (73%)
- Blue (96%)



- Red (92%)
- Yellow (73%)
- Blue (96%)



- Cyan (4%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (27%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.2445, 59.0139, 94.9827 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 68.2445, 59.0139, 94.9827 by changing the saturation by 10% instead.

68.2445, 59.0139,
94.9827

68.2445, 59.0139,
94.9827

443.7250,
420.9534, 565.0925

50.3711, 42.6243,
71.5238

115.7418,
103.3979, 156.2361

35.9273, 29.5905,
52.2853

146.0965,
132.1610, 194.8676

24.5479, 19.5279,
36.8487

181.3422,
165.8175, 239.3937

15.8675, 12.0524,
24.7955

221.8444,
204.7517, 290.2330

9.5207, 6.7794,
15.7071

267.9684,
249.3480, 347.8040

5.1422, 3.3245,
9.1650

320.0796,

2.3665, 1.3034,

299.9908, 412.5252

4.7507

378.5433,
357.0645, 484.8152

■ 0.8284, 0.1438,
2.0456

■ 0.0000, 0.0000,
0.5831

■ 68.2445, 59.0139,
94.9827

■ 68.2445, 59.0139,
94.9827

■ 62.0909, 48.8529,
93.3467

■ 75.3286, 70.9794,
96.9198

■ 56.8162, 40.3971,
91.9925

■ 83.3805, 84.8270,
99.1683

■ 52.3721, 33.5488,
90.9049

■ 91.2161, 98.1871,
101.3340

■ 48.7030, 28.1977,
90.0654

■ 92.8103, 99.0089,
101.4086

■ 45.7465, 24.2192,
89.4533

■ 93.6347, 99.4339,
101.4472

■ 43.4300, 21.4682,
89.0444

■ 41.6643, 19.7671,
88.8091

■ 40.8948, 19.1604,
88.7326

Harmonies

Analogous

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



61.4135, 59.0139, 112.4131



68.2445, 59.0139, 94.9827



71.9091, 59.0139, 71.4589

Triad

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



68.2445, 59.0139, 94.9827



58.5526, 59.0139, 30.9836



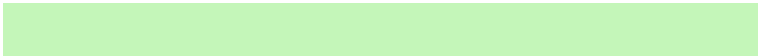
43.3962, 59.0139, 80.2042

Complementary

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



68.2445, 59.0139, 94.9827



64.4796, 81.1515, 58.1671

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.



42.7813, 59.0139, 57.5543



68.2445, 59.0139, 94.9827



51.0852, 59.0139, 32.2927

Square

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



68.2445, 59.0139, 94.9827



65.9872, 59.0139, 36.8876



45.4734, 59.0139, 40.9934



47.2372, 59.0139, 102.6224

Rectangle

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



68.2445, 59.0139, 94.9827



71.8546, 59.0139, 56.8595



45.4734, 59.0139, 40.9934



42.8199, 59.0139, 72.2679

Sweetspot

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



68.2463, 59.0164, 94.9840



88.4433, 88.5299, 107.0343



56.4258, 56.5334, 95.1277



18.8140, 18.7478, 22.8770



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.



68.2463, 59.0164, 94.9840



70.4158, 57.9970, 102.0910



69.1782, 59.8218, 80.3465



16.9034, 16.6084, 20.8574



21.9371, 10.2833, 47.3667



2.0028, 0.9423, 4.1666

Inverse Universe

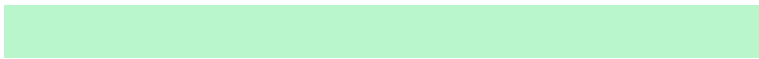
The Inverse Universe completely reimagines the original color for something new.



65.3207, 58.2788, 60.0332



66.8072, 57.1190, 57.5446



63.9025, 80.6021, 69.5182



16.6211, 16.5313, 17.7515



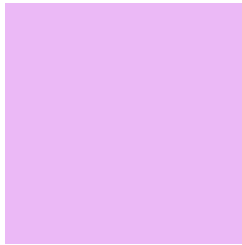
20.5687, 10.5709, 2.4372



1.8409, 0.9423, 0.3887

Previews

White Background



This preview shows how the XYZ color 68.2445, 59.0139, 94.9827 looks on a white background.

Color Contrast Check

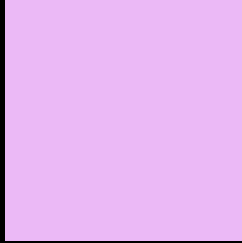
Large Text (above 18pt) WCAG AA × Fail

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 68.2445, 59.0139, 94.9827 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 68.2445, 59.0139, 94.9827

Background



This preview shows how black text looks on a background with the XYZ color 68.2445, 59.0139, 94.9827.



This preview shows how white text looks on a background with the XYZ color 68.2445, 59.0139,

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

68.2445, 59.0139, 94.9827

Protanopia

59.6905, 59.3474, 102.9169

Deuteranopia

60.6106, 59.3373, 93.8467



Tritanopia

62.4252, 58.8623, 67.1029

Trichromacy



Original Color

68.2445, 59.0139, 94.9827



Protanomaly

62.5394, 59.1803, 100.2222



Deuteranomaly

62.9920, 58.8786, 94.4309



Tritanomaly

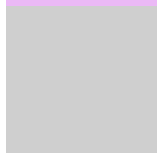
64.2037, 58.6046, 76.3345

Monochromacy



Original Color

68.2445, 59.0139, 94.9827



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.0898, 60.8190, 76.8734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.2445, 59.0139, 94.9827 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(235, 185, 246)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 246)  
}
```

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(235, 185, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 246) }
```

Border

The CSS property to change the border of an element to XYZ 68.2445, 59.0139, 94.9827 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(235, 185, 246) }
```


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

```
.border{ border-color:rgb(235, 185, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 185, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 246);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 68.2445, 59.0139, 94.9827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 246) }
```

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

```
.background{ background-color: rgb(235,  
185, 246) }
```

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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