

Converting Colors

XYZ(68.3086, 58.7287, 95.8154)

Have a look what the booklet for
XYZ(68.3086, 58.7287, 95.8154)
contains.

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Color

**XYZ(68.1899, 58.6585,
95.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	EBB8F7
RGB	235, 184, 247
RGB Percent	92%, 72%, 97%
CMY	0.0784, 0.2784, 0.0314
CMYK	0.05, 0.26, 0.00, 0.03
HSL	289°, 80%, 85%
HSV	289°, 26%, 97%
XYZ	68.1899, 58.6585, 95.7239
YIQ	206.4310, 10.1730, 30.4050

Conversions

Conversions Part 2

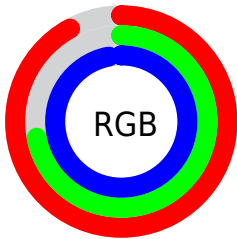
Format	Color
R _Y B	235, 184, 247
Decimal	15448311
CIE Lab	81.10, 29.06, -24.17
CIE LCh	81, 37.799, 320.241
Yxy	58.6585, 0.3064, 0.2635
Android (android.graphics.Color)	4293638391 (0xFFE8B8F7)
YUV	206.4310, 20.0005, 25.0550
Hunter-Lab	76.5888, 24.8947, -20.4909

Details

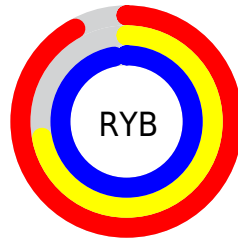
The XYZ color **68.1899, 58.6585, 95.7239** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.6794, 81.7194, 57.7146**, and the grayscale version is **58.8151, 61.8781, 67.3852**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **35.9770, 29.3106, 53.0515** is the 20% darker color. If you saturate the color by 10%, you get **61.9678, 48.4889, 94.0898**, and if you desaturate by 10%, it is **75.3525, 70.6458, 97.6611**.

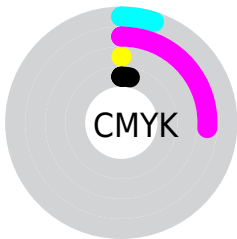
Distribution



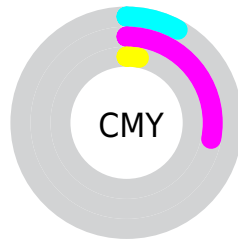
- Red (92%)
- Green (72%)
- Blue (97%)



- Red (92%)
- Yellow (72%)
- Blue (97%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (3%)



- Cyan (8%)
- Magenta (28%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1899, 58.6585, 95.7239 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 68.1899, 58.6585, 95.7239 by changing the saturation by 10% instead.

68.1899, 58.6585,
95.7239

68.1899, 58.6585,
95.7239

443.5347,
419.6352, 567.5233

50.3265, 42.3383,
72.1374

115.6642,
102.8812, 157.2685

35.8917, 29.3663,
52.7834

146.0058,
131.5524, 196.0637

24.5203, 19.3581,
37.2434

181.2374,
165.1094, 240.7655

15.8469, 11.9293,
25.0987

221.7246,
203.9366, 291.7925

9.5060, 6.6955,
15.9309

267.8325,
248.4184, 349.5633

5.1324, 3.2724,
9.3215

319.9266,

2.3607, 1.2756,

298.9392, 414.4963

4.8518

378.3722,
355.8833, 487.0101

■ 0.8255, 0.1222,
2.1033

■ 0.0000, 0.0000,
0.6178

■ 68.1899, 58.6585,
95.7239

■ 68.1899, 58.6585,
95.7239

■ 61.9678, 48.4889,
94.0898

■ 75.3525, 70.6458,
97.6611

■ 56.6339, 40.0362,
92.7394

■ 83.4936, 84.5298,
99.9119

■ 52.1388, 33.2013,
91.6570

■ 91.6570, 98.3966,
102.1582

■ 48.4262, 27.8715,
90.8240

■ 93.3562, 99.2725,
102.2377

45.4321, 23.9199,
90.2190

93.7887, 99.4955,
102.2579

43.0824, 21.1981,
89.8175

41.2851, 19.5233,
89.5890

40.5955, 18.9884,
89.5221

Harmonies

Analogous

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



61.1440, 58.6585, 113.6627



68.1899, 58.6585, 95.7239



72.0040, 58.6585, 71.4861

Triad

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



68.1899, 58.6585, 95.7239



58.3529, 58.6585, 30.0179



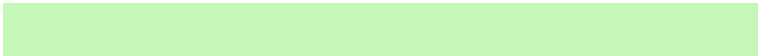
42.7477, 58.6585, 80.0352

Complementary

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



68.1899, 58.6585, 95.7239



64.6794, 81.7194, 57.7146

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.



42.1522, 58.6585, 56.8134



68.1899, 58.6585, 95.7239



50.6888, 58.6585, 31.2714

Square

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



68.1899, 58.6585, 95.7239



65.9825, 58.6585, 36.0514



44.9287, 58.6585, 40.0045



46.6397, 58.6585, 103.2307

Rectangle

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



68.1899, 58.6585, 95.7239



71.9778, 58.6585, 56.4826



44.9287, 58.6585, 40.0045



42.1705, 58.6585, 71.8731

Sweetspot

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



68.1917, 58.6610, 95.7252



87.4688, 86.9383, 106.7784



56.4336, 56.6595, 95.9586



18.4336, 18.1153, 22.7750



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.



68.1917, 58.6610, 95.7252



69.4813, 56.7663, 101.9027



69.5175, 59.6646, 81.3257



16.8861, 16.5995, 20.8566



21.5844, 10.1015, 47.3502



1.9748, 0.9279, 4.1653

Inverse Universe

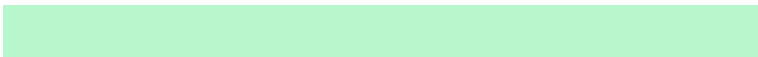
The Inverse Universe completely reimagines the original color for something new.



65.4640, 58.0432, 59.9803



66.1603, 56.0530, 56.6267



63.7975, 81.0204, 68.7159



16.6281, 16.5341, 17.7881



20.5964, 10.5820, 2.5829



1.8444, 0.9437, 0.4068

Previews

White Background



This preview shows how the XYZ color 68.1899, 58.6585, 95.7239 looks on a white background.

Color Contrast Check

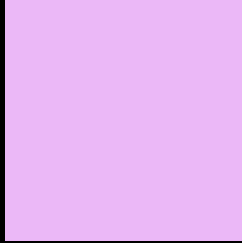
Large Text (above 18pt) WCAG AA × Fail

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 68.1899, 58.6585, 95.7239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

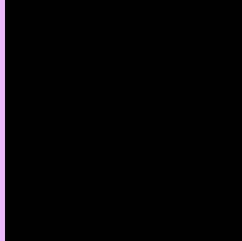
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.1899, 58.6585, 95.7239

Background



This preview shows how black text looks on a background with the XYZ color 68.1899, 58.6585, 95.7239.



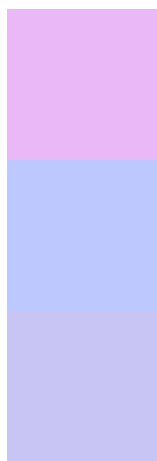
This preview shows how white text looks on a background with the XYZ color 68.1899, 58.6585,

95.7239.

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

68.1899, 58.6585, 95.7239

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.1148, 58.7435, 93.7582



Tritanopia

62.3033, 58.8135, 66.4609

Trichromacy



Original Color

68.1899, 58.6585, 95.7239



Protanomaly

62.0393, 58.5910, 100.1348



Deuteranomaly

62.7716, 58.4380, 94.3574



Tritanomaly

64.2037, 58.6046, 76.3345

Monochromacy



Original Color

68.1899, 58.6585, 95.7239



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

61.8605, 60.3603, 76.7969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1899, 58.6585, 95.7239 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, 184, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 184, 247)  
}
```

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, 184, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 184, 247) }
```

Border

The CSS property to change the border of an element to XYZ 68.1899, 58.6585, 95.7239 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, 184, 247) }
```


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

```
.border{ border-color:rgb(235, 184, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 184, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 184, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 184, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 184,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1899, 58.6585, 95.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 184, 247) }
```

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

```
.background{ background-color: rgb(235,  
184, 247) }
```

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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