

Converting Colors

XYZ(69.2672, 59.4908,
102.4398)

Have a look what the booklet for
XYZ(69.2672, 59.4908, 102.4398)
contains.

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Color

**XYZ(69.3306, 59.4103,
102.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	EAB9FF
RGB	234, 185, 255
RGB Percent	92%, 73%, 100%
CMY	0.0823, 0.2745, 0.0000
CMYK	0.08, 0.27, 0.00, 0.00
HSL	282°, 100%, 86%
HSV	282°, 27%, 100%
XYZ	69.3306, 59.4103, 102.4210
YIQ	207.6310, 6.7340, 32.1580

Conversions

Conversions Part 2

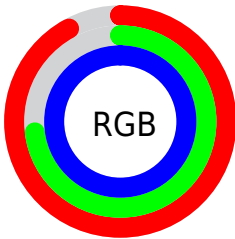
Format	Color
RYB	234, 185, 255
Decimal	15383039
CIELab	81.52, 29.76, -27.83
CIELCh	82, 40.745, 316.918
Yxy	59.4103, 0.2999, 0.2570
Android (android.graphics.Color)	4293573119 (0xFFEAB9FF)
YUV	207.6310, 23.3529, 23.1256
Hunter-Lab	77.0781, 25.6715, -24.8296

Details

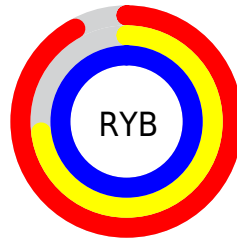
The XYZ color **69.3306, 59.4103, 102.4210** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.9719, 88.1452, 59.2275**, and the grayscale version is **59.5676, 62.6698, 68.2474**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **36.6694, 29.7748, 57.2405** is the 20% darker color. If you saturate the color by 10%, you get **62.0097, 48.4160, 100.6847**, and if you desaturate by 10%, it is **77.7200, 72.3786, 104.4819**.

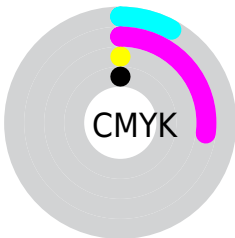
Distribution



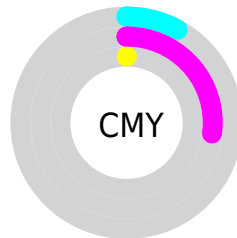
- Red (92%)
- Green (73%)
- Blue (100%)



- Red (92%)
- Yellow (73%)
- Blue (100%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3306, 59.4103, 102.4210 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 69.3306, 59.4103, 102.4210 by changing the saturation by 10% instead.

69.3306, 59.4103,
102.4210

69.3306, 59.4103,
102.4210

447.4993,
422.4207, 589.2399

51.2586, 42.9435,
77.6958

117.2851,
103.9738, 166.5610

36.6363, 29.8408,
57.3092

147.8984,
132.8392, 206.8130

25.0984, 19.7178,
40.8425

183.4228,
166.6063, 253.0776

16.2795, 12.1901,
27.8773

224.2237,
205.6595, 305.7735

9.8143, 6.8733,
17.9949

270.6664,
250.3831, 365.3191

5.3373, 3.3830,
10.7769

323.1164,

2.4833, 1.3348,

301.1616, 432.1330

5.8048

381.9389,
358.3794, 506.6338

■ 0.8868, 0.1679,
2.6599

■ 0.0000, 0.0000,
0.9231

■ 69.3306, 59.4103,
102.4210

■ 69.3306, 59.4103,
102.4210

■ 62.0097, 48.4160,
100.6847

■ 77.7200, 72.3786,
104.4819

■ 55.6997, 39.2855,
99.2549

■ 87.2214, 87.4090,
106.8823

■ 50.3450, 31.9086,
98.1132

95.0500, 100.0000,
108.9000

■ 45.8820, 26.1604,
97.2389

■ 42.2389, 21.8991,
96.6084

■ 39.3310, 18.9577,
96.1940

■ 37.0487, 17.1190,
95.9594

■ 36.5254, 16.7444,
95.9146

Harmonies

Analogous

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



61.3825, 59.4103, 120.9193



69.3306, 59.4103, 102.4210



74.0205, 59.4103, 75.9268

Triad

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



69.3306, 59.4103, 102.4210



60.2666, 59.4103, 28.8415



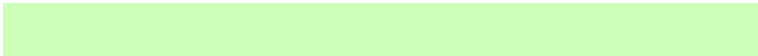
42.1692, 59.4103, 79.3614

Complementary

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



69.3306, 59.4103, 102.4210



69.9719, 88.1452, 59.2275

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.



41.9354, 59.4103, 54.6163



69.3306, 59.4103, 102.4210



51.8226, 59.4103, 29.3197

Square

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



69.3306, 59.4103, 102.4210



68.4431, 59.4103, 36.0597



45.3031, 59.4103, 37.5888



45.9776, 59.4103, 105.4752

Rectangle

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



69.3306, 59.4103, 102.4210



74.3883, 59.4103, 59.1866



45.3031, 59.4103, 37.5888



41.6845, 59.4103, 70.5195

Sweetspot

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



69.3323, 59.4128, 102.4213



86.6681, 86.5256, 106.7409



60.1309, 61.6792, 103.3438



18.2310, 18.0108, 22.7655



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.



69.3323, 59.4128, 102.4213



65.1393, 53.0718, 101.4184



74.4673, 62.3109, 91.3222



18.2310, 18.0108, 22.7655



19.2433, 8.8308, 50.1249



1.9841, 0.9168, 4.8856

Inverse Universe

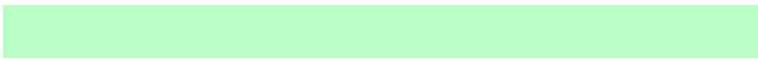
The Inverse Universe completely reimagines the original color for something new.



69.7309, 60.4164, 66.3807



65.7492, 54.3190, 59.3002



66.0780, 85.9586, 67.1442



18.2336, 18.0768, 19.8474



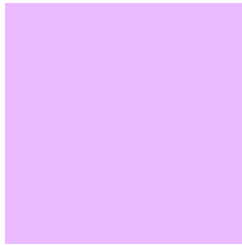
22.2967, 11.4080, 4.9468



2.2167, 1.1291, 0.7228

Previews

White Background



This preview shows how the XYZ color 69.3306, 59.4103, 102.4210 looks on a white background.

Color Contrast Check

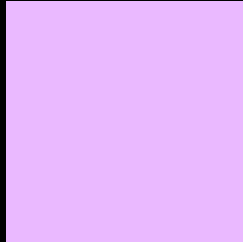
Large Text (above 18pt) WCAG AA × Fail

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 69.3306, 59.4103, 102.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

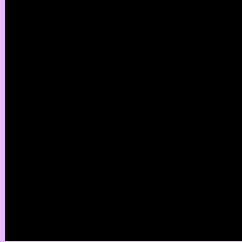
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.3306, 59.4103, 102.4210

Background



This preview shows how black text looks on a background with the XYZ color 69.3306, 59.4103, 102.4210.

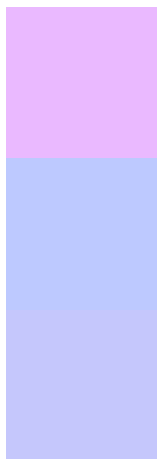


This preview shows how white text looks on a background with the XYZ color 69.3306, 59.4103,

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

69.3306, 59.4103, 102.4210

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

61.0201, 59.7454, 100.4114



Tritanopia

62.4790, 59.5179, 68.5167

Trichromacy



Original Color

69.3306, 59.4103, 102.4210



Protanomaly

62.7419, 59.2293, 102.7333



Deuteranomaly

63.5998, 59.3771, 101.0374



Tritanomaly

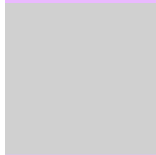
64.9914, 59.5756, 80.0253

Monochromacy



Original Color

69.3306, 59.4103, 102.4210



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

62.8602, 61.4965, 79.7911

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3306, 59.4103, 102.4210 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(234, 185, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 185, 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(234, 185, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 185, 255) }
```

Border

The CSS property to change the border of an element to XYZ 69.3306, 59.4103, 102.4210 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(234, 185, 255) }
```


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

```
.border{ border-color:rgb(234, 185, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 185, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 185, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 185, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 185,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3306, 59.4103, 102.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 185, 255) }
```

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

```
.background{ background-color: rgb(234,  
185, 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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