

Converting Colors

XYZ(68.9364, 59.5657,
102.4717)

Have a look what the booklet for
XYZ(68.9364, 59.5657, 102.4717)
contains.

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Color

**XYZ(68.8876, 59.4936,
102.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BAFF
RGB	232, 186, 255
RGB Percent	91%, 73%, 100%
CMY	0.0902, 0.2706, 0.0000
CMYK	0.09, 0.27, 0.00, 0.00
HSL	280°, 100%, 86%
HSV	280°, 27%, 100%
XYZ	68.8876, 59.4936, 102.4604
YIQ	207.6200, 5.2670, 31.2110

Conversions

Conversions Part 2

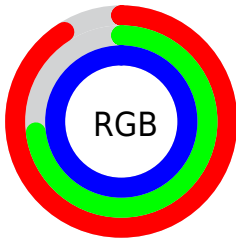
Format	Color
R _Y B	232, 186, 255
Decimal	15252223
CIE _{Lab}	81.56, 28.60, -27.78
CIE _{LCh}	82, 39.870, 315.839
Y _{xy}	59.4936, 0.2984, 0.2577
Android (android.graphics.Color)	4293442303 (0xFFE8BAFF)
Y _{UV}	207.6200, 23.3583, 21.3813
Hunter-Lab	77.1321, 24.4393, -24.7669

Details

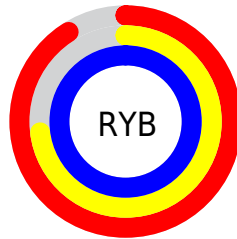
The XYZ color **68.8876, 59.4936, 102.4604** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.9188, 88.6211, 59.8249**, and the grayscale version is **59.5612, 62.6630, 68.2400**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **36.3488, 29.8099, 57.2642** is the 20% darker color. If you saturate the color by 10%, you get **61.2949, 48.3049, 100.7009**, and if you desaturate by 10%, it is **77.5757, 72.6731, 104.5464**.

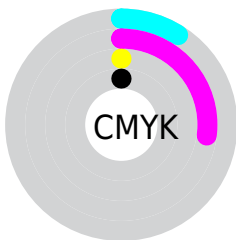
Distribution



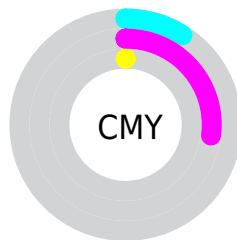
- Red (91%)
- Green (73%)
- Blue (100%)



- Red (91%)
- Yellow (73%)
- Blue (100%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.8876, 59.4936, 102.4604 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 68.8876, 59.4936, 102.4604 by changing the saturation by 10% instead.

68.8876, 59.4936,
102.4604

68.8876, 59.4936,
102.4604

445.9620,
422.7287, 589.3664

50.8965, 43.0106,
77.7286

116.6560,
104.0947, 166.6155

36.3469, 29.8934,
57.3359

147.1639,
132.9816, 206.8759

24.8736, 19.7577,
40.8639

182.5749,
166.7719, 253.1496

16.1111, 12.2190,
27.8938

223.2542,
205.8501, 305.8552

9.6942, 6.8930,
18.0073

269.5672,
250.6004, 365.4111

5.2574, 3.3953,
10.7857

321.8793,

2.4354, 1.3414,

301.4074, 432.2359

5.8106

380.5558,
358.6553, 506.7481

■ 0.8628, 0.1729,
2.6633

■ 0.0000, 0.0000,
0.9249

■ 68.8876, 59.4936,
102.4604

■ 68.8876, 59.4936,
102.4604

■ 61.2949, 48.3049,
100.7009

■ 77.5757, 72.6731,
104.5464

■ 54.7397, 38.9968,
99.2498

■ 87.4032, 87.9313,
106.9735

■ 49.1660, 31.4592,
98.0886

95.0500, 100.0000,
108.9000

■ 44.5101, 25.5675,
97.1968

■ 40.6999, 21.1805,
96.5509

■ 37.6507, 18.1321,
96.1232

■ 35.2553, 16.2106,
95.8785

■ 34.6279, 15.7662,
95.8258

Harmonies

Analogous

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



61.0512, 59.4936, 119.9651



68.8876, 59.4936, 102.4604



73.6194, 59.4936, 76.7140

Triad

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



68.8876, 59.4936, 102.4604



60.5738, 59.4936, 29.5938



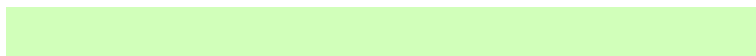
42.4422, 59.4936, 78.1810

Complementary

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



68.8876, 59.4936, 102.4604



70.9188, 88.6211, 59.8249

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.



42.3416, 59.4936, 54.1499



68.8876, 59.4936, 102.4604



52.2698, 59.4936, 29.8013

Square

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



68.8876, 59.4936, 102.4604



68.5086, 59.4936, 37.0343



45.7757, 59.4936, 37.6950



46.0655, 59.4936, 103.7601

Rectangle

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



68.8876, 59.4936, 102.4604



74.1038, 59.4936, 60.2047



45.7757, 59.4936, 37.6950



42.0083, 59.4936, 69.5781

Sweetspot

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



68.8893, 59.4960, 102.4608



86.4263, 86.4009, 106.7296



61.1022, 63.2623, 103.5982



18.1699, 17.9793, 22.7626



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.



68.8893, 59.4960, 102.4608



65.0020, 53.7221, 101.5512



75.0534, 62.8813, 93.3727



18.1699, 17.9793, 22.7626



18.2587, 8.3232, 50.0788



1.8938, 0.8702, 4.8814

Inverse Universe

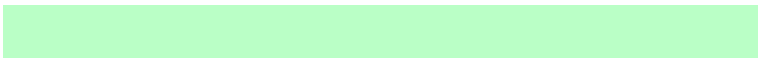
The Inverse Universe completely reimagines the original color for something new.



70.3089, 60.9835, 68.3888



66.7559, 55.4990, 62.2056



66.1468, 86.0141, 66.2428



18.2591, 18.0869, 19.9815



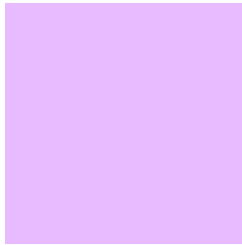
22.4671, 11.4761, 5.8441



2.2358, 1.1367, 0.8232

Previews

White Background



This preview shows how the XYZ color 68.8876, 59.4936, 102.4604 looks on a white background.

Color Contrast Check

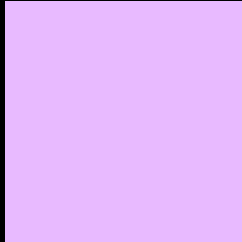
Large Text (above 18pt) WCAG AA × Fail

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 68.8876, 59.4936, 102.4604 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 68.8876, 59.4936, 102.4604

Background



This preview shows how black text looks on a background with the XYZ color 68.8876, 59.4936, 102.4604.



This preview shows how white text looks on a background with the XYZ color 68.8876, 59.4936,

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

68.8876, 59.4936, 102.4604

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

61.0201, 59.7454, 100.4114



Tritanopia

62.1993, 59.6909, 69.2160

Trichromacy



Original Color

68.8876, 59.4936, 102.4604



Protanomaly

62.9668, 59.6790, 102.8082



Deuteranomaly

63.5998, 59.3771, 101.0374



Tritanomaly

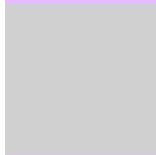
64.5720, 59.6842, 80.0684

Monochromacy



Original Color

68.8876, 59.4936, 102.4604



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 68.8876, 59.4936, 102.4604 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(232, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 186, 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(232, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 186, 255) }
```

Border

The CSS property to change the border of an element to XYZ 68.8876, 59.4936, 102.4604 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(232, 186, 255) }
```


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

```
.border{ border-color:rgb(232, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 186,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 68.8876, 59.4936, 102.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 186, 255) }
```

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

```
.background{ background-color: rgb(232,  
186, 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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