

Converting Colors

XYZ(67.9141, 59.5472,
101.3227)

Have a look what the booklet for
XYZ(67.9141, 59.5472, 101.3227)
contains.

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Color

**XYZ(68.1857, 59.7802,
101.7109)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BCFE
RGB	229, 188, 254
RGB Percent	90%, 74%, 100%
CMY	0.1020, 0.2627, 0.0039
CMYK	0.10, 0.26, 0.00, 0.00
HSL	277°, 97%, 87%
HSV	277°, 26%, 100%
XYZ	68.1857, 59.7802, 101.7109
YIQ	207.7830, 3.2500, 29.2180

Conversions

Conversions Part 2

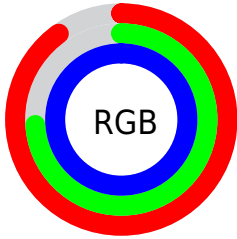
Format	Color
R _Y B	229, 188, 254
Decimal	15056126
CIE Lab	81.72, 26.40, -27.03
CIE LCh	82, 37.780, 314.323
Yxy	59.7802, 0.2969, 0.2603
Android (android.graphics.Color)	4293246206 (0xFFE5BCFE)
YUV	207.7830, 22.7850, 18.6073
Hunter-Lab	77.3177, 22.1115, -23.8733

Details

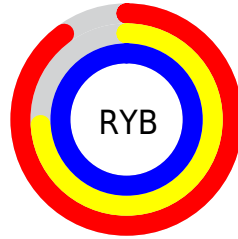
The XYZ color **68.1857, 59.7802, 101.7109** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.9615, 88.6621, 60.9005**, and the grayscale version is **59.6711, 62.7786, 68.3659**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **35.8367, 29.9656, 56.7185** is the 20% darker color. If you saturate the color by 10%, you get **60.2448, 48.3293, 99.9201**, and if you desaturate by 10%, it is **77.2555, 73.2336, 103.8306**.

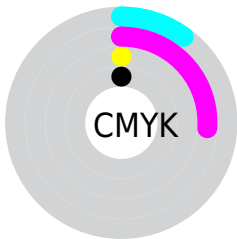
Distribution



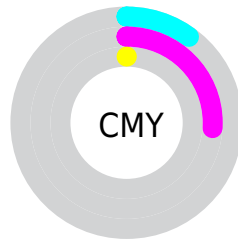
- Red (90%)
- Green (74%)
- Blue (100%)



- Red (90%)
- Yellow (74%)
- Blue (100%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.1857, 59.7802, 101.7109 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 68.1857, 59.7802, 101.7109 by changing the saturation by 10% instead.

68.1857, 59.7802,
101.7109

68.1857, 59.7802,
101.7109

443.5201,
423.7871, 586.9576

50.3231, 43.2415,
77.1053

115.6582,
104.5108, 165.5787

35.8890, 30.0746,
56.8272

145.9988,
133.4714, 205.6780

24.5182, 19.8952,
40.4581

181.2294,
167.3415, 251.7790

15.8453, 12.3189,
27.5794

221.7154,
206.5054, 304.3002

9.5049, 6.9613,
17.7726

267.8221,
251.3475, 363.6601

5.1317, 3.4379,
10.6191

319.9148,

2.3603, 1.3644,

302.2522, 430.2772

5.7004

378.3591,
359.6040, 504.5703

■ 0.8252, 0.1903,
2.5979

■ 0.0000, 0.0000,
0.8914

■ 68.1857, 59.7802,
101.7109

■ 68.1857, 59.7802,
101.7109

■ 60.2448, 48.3293,
99.9201

■ 77.2555, 73.2336,
103.8306

■ 53.3742, 38.7717,
98.4374

■ 87.4974, 88.7761,
106.2908

■ 47.5184, 30.9994,
97.2459

94.8896, 99.9358,
108.0552

■ 42.6142, 24.8899,
96.3251

■ 38.5900, 20.3048,
95.6522

■ 35.3628, 17.0824,
95.2003

■ 32.8300, 15.0223,
94.9361

■ 31.9482, 14.4033,
94.8631

Harmonies

Analogous

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



60.6864, 59.7802, 117.4030



68.1857, 59.7802, 101.7109



72.8479, 59.7802, 77.6536

Triad

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



68.1857, 59.7802, 101.7109



61.0515, 59.7802, 31.3784



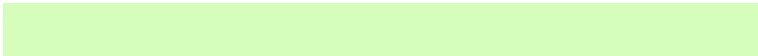
43.2552, 59.7802, 76.5356

Complementary

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



68.1857, 59.7802, 101.7109



71.9615, 88.6621, 60.9005

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.



43.3332, 59.7802, 53.9611



68.1857, 59.7802, 101.7109



53.1200, 59.7802, 31.2142

Square

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



68.1857, 59.7802, 101.7109



68.4744, 59.7802, 39.0387



46.7919, 59.7802, 38.5210



46.5680, 59.7802, 100.7295

Rectangle

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



68.1857, 59.7802, 101.7109



73.4696, 59.7802, 61.8449



46.7919, 59.7802, 38.5210



42.8963, 59.7802, 68.4477

Sweetspot

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



68.1876, 59.7827, 101.7122



86.0979, 86.2316, 106.7143



62.5005, 65.5891, 103.1327



18.0870, 17.9366, 22.7588



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.



68.1876, 59.7827, 101.7122



64.6344, 54.2677, 101.6758



75.5386, 63.7119, 95.7480



18.0870, 17.9366, 22.7588



17.0126, 7.6808, 50.0205



1.7780, 0.8105, 4.8760

Inverse Universe

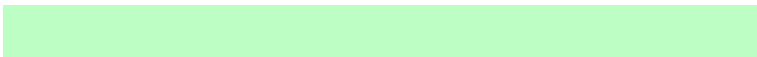
The Inverse Universe completely reimagines the original color for something new.



70.8685, 61.8439, 71.1553



67.8832, 56.7421, 65.6993



66.1126, 85.5484, 65.0763



18.2940, 18.1009, 20.1655



22.7330, 11.5825, 7.2447



2.2645, 1.1482, 0.9745

Previews

White Background



This preview shows how the XYZ color 68.1857, 59.7802, 101.7109 looks on a white background.

Color Contrast Check

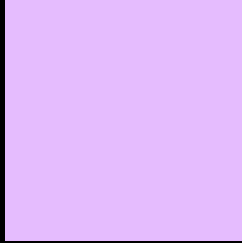
Large Text (above 18pt) WCAG AA × Fail

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 68.1857, 59.7802, 101.7109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

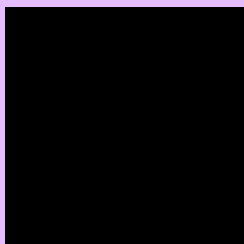
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.1857, 59.7802, 101.7109

Background



This preview shows how black text looks on a background with the XYZ color 68.1857, 59.7802, 101.7109.

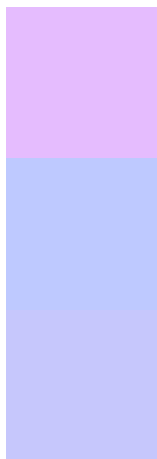


This preview shows how white text looks on a background with the XYZ color 68.1857, 59.7802,

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

68.1857, 59.7802, 101.7109

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.2828, 59.8809, 100.4237



Tritanopia

61.6220, 59.7126, 69.9059

Trichromacy



Original Color

68.1857, 59.7802, 101.7109

Protanomaly

62.6918, 59.5372, 102.7954

Deuteranomaly

63.5392, 59.6774, 101.0985

Tritanomaly

63.9864, 59.6935, 80.8226

Monochromacy



Original Color

68.1857, 59.7802, 101.7109

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.7962, 61.8085, 79.8547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.1857, 59.7802, 101.7109 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(229, 188, 254)` looks like.

```
.text, #text, p{  
    color:rgb(229, 188, 254)  
}
```

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(229, 188, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 188, 254) }
```

Border

The CSS property to change the border of an element to XYZ 68.1857, 59.7802, 101.7109 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(229, 188, 254) }
```


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

```
.border{ border-color:rgb(229, 188, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 188, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 188, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 188, 254);  
box-shadow:4px 4px 4px 4px rgb(229, 188,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 68.1857, 59.7802, 101.7109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 188, 254) }
```

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

```
.background{ background-color: rgb(229,  
188, 254) }
```

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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