

Converting Colors

XYZ(73.1417, 60.3902,
115.3127)

Have a look what the booklet for
XYZ(73.1417, 60.3902, 115.3127)
contains.

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Color

**XYZ(70.5801, 59.4377,
102.3604)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB7FF
RGB	239, 183, 255
RGB Percent	94%, 72%, 100%
CMY	0.0627, 0.2823, 0.0000
CMYK	0.06, 0.28, 0.00, 0.00
HSL	287°, 100%, 86%
HSV	287°, 28%, 100%
XYZ	70.5801, 59.4377, 102.3604
YIQ	207.9520, 10.2640, 34.2640

Conversions

Conversions Part 2

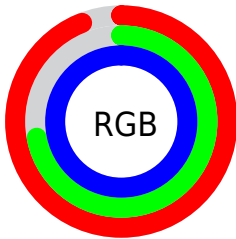
Format	Color
R_{YB}	239, 183, 255
Decimal	15710207
CIE _{Lab}	81.53, 32.38, -27.77
CIE _{LCh}	82, 42.656, 319.389
Yxy	59.4377, 0.3037, 0.2558
Android (android.graphics.Color)	4293900287 (0xFFEFB7FF)
YUV	207.9520, 23.1947, 27.2291
Hunter-Lab	77.0958, 28.4964, -24.7524

Details

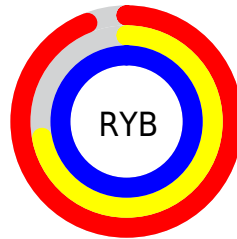
The XYZ color **70.5801, 59.4377, 102.3604** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.8618, 87.0817, 58.0343**, and the grayscale version is **59.7745, 62.8875, 68.4844**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **37.3347, 29.7228, 57.1954** is the 20% darker color. If you saturate the color by 10%, you get **63.9066, 48.8854, 100.6753**, and if you desaturate by 10%, it is **78.2698, 71.9314, 104.3666**.

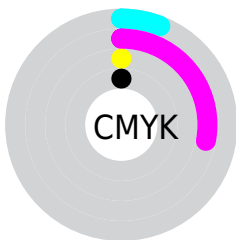
Distribution



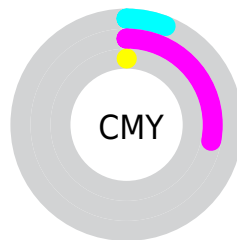
- Red (94%)
- Green (72%)
- Blue (100%)



- Red (94%)
- Yellow (72%)
- Blue (100%)



- Cyan (6%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5801, 59.4377, 102.3604 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 70.5801, 59.4377, 102.3604 by changing the saturation by 10% instead.

70.5801, 59.4377,
102.3604

70.5801, 59.4377,
102.3604

451.8189,
422.5220, 589.0453

52.2809, 42.9656,
77.6454

119.0574,
104.0135, 166.4772

37.4542, 29.8581,
57.2680

149.9662,
132.8861, 206.7162

25.7346, 19.7309,
40.8097

185.8090,
166.6608, 252.9669

16.7569, 12.1996,
27.8518

226.9510,
205.7222, 305.6478

10.1555, 6.8798,
17.9759

273.7576,
250.4546, 365.1776

5.5653, 3.3870,
10.7634

326.5943,

2.6207, 1.3370,

301.2425, 431.9748

5.7958

385.8263,
358.4701, 506.4578

■ 0.9565, 0.1696,
2.6546

■ 0.0000, 0.0000,
0.9204

■ 70.5801, 59.4377,
102.3604

■ 70.5801, 59.4377,
102.3604

■ 63.9066, 48.8854,
100.6753

■ 78.2698, 71.9314,
104.3666

■ 58.1920, 40.1639,
99.2931

■ 87.0187, 86.4545,
106.7087

■ 53.3813, 33.1625,
98.1952

95.0500, 100.0000,
108.9000

■ 49.4112, 27.7559,
97.3609

■ 46.2099, 23.8008,
96.7662

■ 43.6923, 21.1285,
96.3831

■ 41.7417, 19.5061,
96.1728

■ 41.4274, 19.2715,
96.1440

Harmonies

Analogous

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



62.3972, 59.4377, 123.1779



70.5801, 59.4377, 102.3604



75.1383, 59.4377, 74.2168

Triad

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



70.5801, 59.4377, 102.3604



59.7199, 59.4377, 27.3758



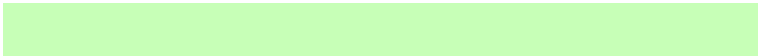
41.7753, 59.4377, 82.4833

Complementary

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



70.5801, 59.4377, 102.3604



67.8618, 87.0817, 58.0343

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.



41.2207, 59.4377, 56.0656



70.5801, 59.4377, 102.3604



50.9749, 59.4377, 28.4900

Square

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



70.5801, 59.4377, 102.3604



68.4431, 59.4377, 34.0670



44.4186, 59.4377, 37.6615



46.0230, 59.4377, 109.7680

Rectangle

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



70.5801, 59.4377, 102.3604



75.2154, 59.4377, 57.0109



44.4186, 59.4377, 37.6615



41.1691, 59.4377, 73.0892

Sweetspot

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



70.5818, 59.4402, 102.3608



87.2358, 86.8182, 106.7675



58.1886, 58.5057, 102.8336



18.3746, 18.0848, 22.7722



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.



70.5818, 59.4402, 102.3608



66.6120, 53.1236, 101.3508



73.2860, 61.1737, 87.1508



18.3746, 18.0848, 22.7722



21.7808, 10.1389, 50.2436



2.2133, 1.0349, 4.8964

Inverse Universe

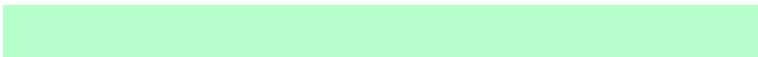
The Inverse Universe completely reimagines the original color for something new.



68.4837, 59.2528, 61.8622



64.3284, 52.9883, 54.1691



65.9745, 85.8618, 69.0995



18.1746, 18.0532, 19.5367



21.9757, 11.2796, 3.2564



2.1785, 1.1138, 0.5216

Previews

White Background



This preview shows how the XYZ color 70.5801, 59.4377, 102.3604 looks on a white background.

Color Contrast Check

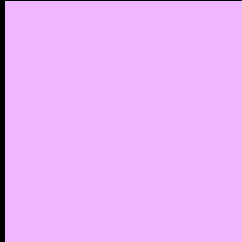
Large Text (above 18pt) WCAG AA × Fail

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 70.5801, 59.4377, 102.3604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

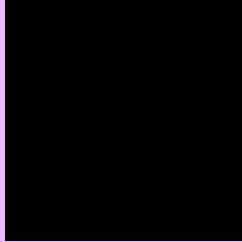
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.5801, 59.4377, 102.3604

Background



This preview shows how black text looks on a background with the XYZ color 70.5801, 59.4377, 102.3604.

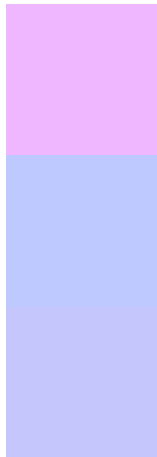


This preview shows how white text looks on a background with the XYZ color 70.5801, 59.4377,

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

70.5801, 59.4377, 102.3604

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

61.0201, 59.7454, 100.4114



Tritanopia

63.3908, 59.3601, 67.1481

Trichromacy



Original Color

70.5801, 59.4377, 102.3604



Protanomaly

63.0739, 59.0690, 102.6848



Deuteranomaly

63.9510, 59.2288, 100.9902



Tritanomaly

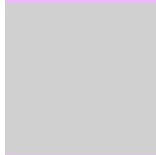
65.9131, 59.4392, 78.5199

Monochromacy



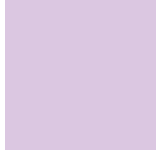
Original Color

70.5801, 59.4377, 102.3604



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.2274, 61.3432, 79.7421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5801, 59.4377, 102.3604 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(239, 183, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 183, 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(239, 183, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 183, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.5801, 59.4377, 102.3604 is called "border". The border property can be set on classes, ids or directly on the HTML element.

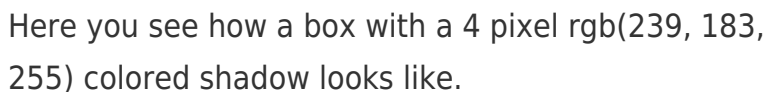
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 183, 255) }
```


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

```
.border{ border-color:rgb(239, 183, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 183, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 183, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 183, 255); box-shadow:4px 4px 4px 4px rgb(239, 183, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5801, 59.4377, 102.3604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 183, 255) }
```

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

```
.background{ background-color: rgb(239,  
183, 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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