

Converting Colors

XYZ(71.1807, 59.1974,
107.2004)

Have a look what the booklet for
XYZ(71.1807, 59.1974, 107.2004)
contains.

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Color

**XYZ(70.3746, 59.0266,
102.2919)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EFB6FF |
| RGB | 239, 182, 255 |
| RGB Percent | 94%, 71%, 100% |
| CMY | 0.0627, 0.2863, 0.0000 |
| CMYK | 0.06, 0.29, 0.00, 0.00 |
| HSL | 287°, 100%, 86% |
| HSV | 287°, 29%, 100% |
| XYZ | 70.3746, 59.0266, 102.2919 |
| YIQ | 207.3650, 10.5390, 34.7870 |

Conversions

Conversions Part 2

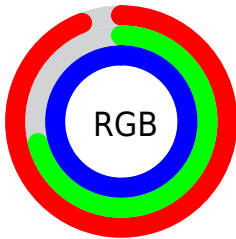
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 239, 182, 255 |
| Decimal | 15709951 |
| CIE _{Lab} | 81.31, 32.91, -28.11 |
| CIE _{LCh} | 81, 43.285, 319.500 |
| Yxy | 59.0266, 0.3037, 0.2548 |
| Android (android.graphics.Color) | 4293900031 (0xFFEFB6FF) |
| YUV | 207.3650, 23.4841, 27.7439 |
| Hunter-Lab | 76.8288, 29.0544, -25.1602 |

Details

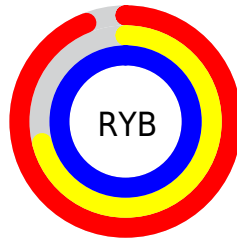
The XYZ color **70.3746, 59.0266, 102.2919** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.4935, 86.9038, 57.4755**, and the grayscale version is **59.3935, 62.4866, 68.0479**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **37.2036, 29.4606, 57.1517** is the 20% darker color. If you saturate the color by 10%, you get **63.7628, 48.5601, 100.6201**, and if you desaturate by 10%, it is **77.9990, 71.4297, 104.2841**.

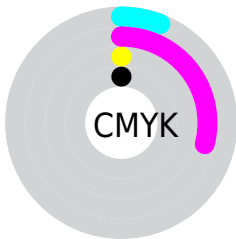
Distribution



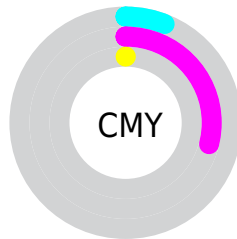
- Red (94%)
- Green (71%)
- Blue (100%)



- Red (94%)
- Yellow (71%)
- Blue (100%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.3746, 59.0266, 102.2919 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 70.3746, 59.0266, 102.2919 by changing the saturation by 10% instead.

70.3746, 59.0266,
102.2919

70.3746, 59.0266,
102.2919

451.1101,
421.0005, 588.8253

52.1127, 42.6345,
77.5885

118.7662,
103.4163, 166.3825

37.3195, 29.5985,
57.2215

149.6265,
132.1828, 206.6067

25.6298, 19.5340,
40.7726

185.4171,
165.8428, 252.8416

16.6781, 12.0568,
27.8231

226.5032,
204.7808, 305.5058

10.0991, 6.7824,
17.9544

273.2502,
249.3812, 365.0177

5.5275, 3.3264,
10.7482

326.0234,

2.5979, 1.3044,

300.0283, 431.7959

5.7857

385.1883,
357.1066, 506.2589

■ 0.9449, 0.1446,
2.6486

■ 0.0000, 0.0000,
0.9174

■ 70.3746, 59.0266,
102.2919

■ 70.3746, 59.0266,
102.2919

■ 63.7628, 48.5601,
100.6201

■ 77.9990, 71.4297,
104.2841

■ 58.1063, 39.9193,
99.2504

■ 86.6790, 85.8578,
106.6115

■ 53.3498, 32.9933,
98.1642

95.0500, 100.0000,
108.9000

■ 49.4296, 27.6558,
97.3406

■ 46.2736, 23.7632,
96.7556

■ 43.7962, 21.1451,
96.3808

■ 41.8758, 19.5591,
96.1759

■ 41.6333, 19.3776,
96.1537

Harmonies

Analogous

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



62.1033, 59.0266, 123.4901



70.3746, 59.0266, 102.2919



74.9733, 59.0266, 73.7677

Triad

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



70.3746, 59.0266, 102.2919



59.3281, 59.0266, 26.7167



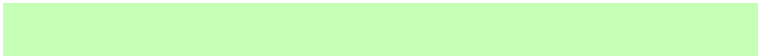
41.2710, 59.0266, 82.3468

Complementary

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



70.3746, 59.0266, 102.2919



67.4935, 86.9038, 57.4755

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.



40.6987, 59.0266, 55.6245



70.3746, 59.0266, 102.2919



50.5023, 59.0266, 27.8580

Square

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



70.3746, 59.0266, 102.2919



68.1564, 59.0266, 33.3790



43.9044, 59.0266, 37.0743



45.5617, 59.0266, 110.0030

Rectangle

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



70.3746, 59.0266, 102.2919



75.0372, 59.0266, 56.4039



43.9044, 59.0266, 37.0743



40.6563, 59.0266, 72.8353

Sweetspot

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



70.3763, 59.0291, 102.2923



86.3344, 85.2799, 106.5181



57.7746, 58.0297, 102.7635



18.1956, 17.7788, 22.7226



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.



70.3763, 59.0291, 102.2923



66.6997, 53.1688, 101.3549



73.0418, 60.7471, 86.8785



18.3802, 18.0878, 22.7725



21.8872, 10.1937, 50.2486



2.2228, 1.0398, 4.8968

Inverse Universe

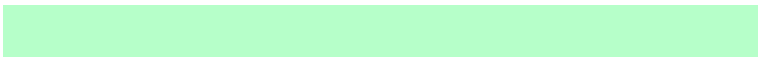
The Inverse Universe completely reimagines the original color for something new.



68.1624, 58.7953, 61.1839



64.3000, 52.9769, 54.0197



65.6506, 85.7049, 68.6314



18.1723, 18.0522, 19.5246



21.9652, 11.2754, 3.2012



2.1772, 1.1133, 0.5146

Previews

White Background



This preview shows how the XYZ color 70.3746, 59.0266, 102.2919 looks on a white background.

Color Contrast Check

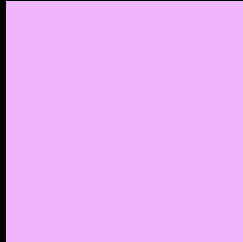
Large Text (above 18pt) WCAG AA × Fail

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 70.3746, 59.0266, 102.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

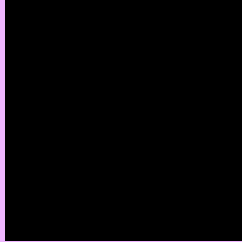
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3746, 59.0266, 102.2919

Background



This preview shows how black text looks on a background with the XYZ color 70.3746, 59.0266, 102.2919.

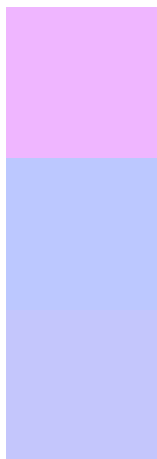


This preview shows how white text looks on a background with the XYZ color 70.3746, 59.0266,

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

70.3746, 59.0266, 102.2919

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.5297, 59.1522, 100.3227



Tritanopia

63.0501, 58.8736, 66.4332

Trichromacy



Original Color

70.3746, 59.0266, 102.2919



Protanomaly

62.8521, 58.6253, 102.6109



Deuteranomaly

63.7306, 58.7882, 100.9168



Tritanomaly

65.6987, 59.0104, 78.4485

Monochromacy



Original Color

70.3746, 59.0266, 102.2919



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

62.8620, 60.8301, 78.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3746, 59.0266, 102.2919 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, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 182, 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, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.3746, 59.0266, 102.2919 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, 182, 255) }
```


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

```
.border{ border-color:rgb(239, 182, 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, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 182,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3746, 59.0266, 102.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 182, 255) }
```

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

```
.background{ background-color: rgb(239,  
182, 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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