

Converting Colors

XYZ(72.6939, 59.9362,
102.3452)

Have a look what the booklet for
XYZ(72.6939, 59.9362, 102.3452)
contains.

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Color

**XYZ(72.5799, 59.8606,
102.3366)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B5FF
RGB	246, 181, 255
RGB Percent	96%, 71%, 100%
CMY	0.0353, 0.2902, 0.0000
CMYK	0.04, 0.29, 0.00, 0.00
HSL	293°, 100%, 85%
HSV	293°, 29%, 100%
XYZ	72.5799, 59.8606, 102.3366
YIQ	208.8710, 14.9860, 36.7940

Conversions

Conversions Part 2

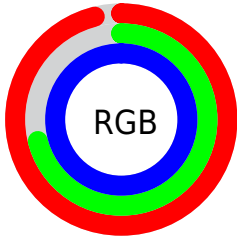
Format	Color
R_{YB}	246, 181, 255
Decimal	16168447
CIE _{Lab}	81.76, 35.62, -27.35
CIE _{LCh}	82, 44.914, 322.482
Yxy	59.8606, 0.3091, 0.2550
Android (android.graphics.Color)	4294358527 (0xFFFF6B5FF)
YUV	208.8710, 22.7416, 32.5621
Hunter-Lab	77.3696, 32.0527, -24.2640

Details

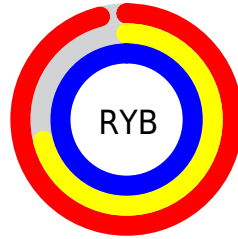
The XYZ color **72.5799, 59.8606, 102.3366** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.3372, 85.8041, 56.8372**, and the grayscale version is **60.3715, 63.5155, 69.1684**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **38.7687, 30.0748, 57.1878** is the 20% darker color. If you saturate the color by 10%, you get **66.7836, 49.8683, 100.7134**, and if you desaturate by 10%, it is **79.3468, 71.7650, 104.2777**.

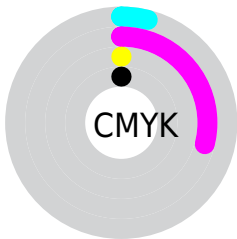
Distribution



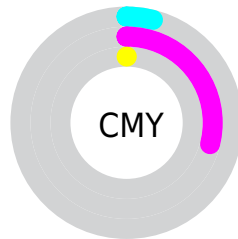
- Red (96%)
- Green (71%)
- Blue (100%)



- Red (96%)
- Yellow (71%)
- Blue (100%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5799, 59.8606, 102.3366 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 72.5799, 59.8606, 102.3366 by changing the saturation by 10% instead.


 72.5799, 59.8606,
102.3366

 72.5799, 59.8606,
102.3366


458.6839,
424.0838, 588.9689

 53.9197, 43.3063,
77.6256


 121.8870,
104.6274, 166.4443

 38.7679, 30.1255,
57.2519


153.2646,
133.6087, 206.6782

 26.7591, 19.9339,
40.7968


189.6120,
167.5011, 252.9234

 17.5280, 12.3470,
27.8418

231.2946,
206.6891, 305.5985

 10.7093, 6.9804,
17.9685

278.6777,
251.5569, 365.1220

 5.9376, 3.4499,
10.7581

332.1267,

 2.8474, 1.3709,

302.4890, 431.9126

5.7923

392.0070,
359.8698, 506.3887

■ 1.0736, 0.1951,
2.6525

■ 0.0029, 0.0000,
0.9194

■ 72.5799, 59.8606,
102.3366

■ 72.5799, 59.8606,
102.3366

■ 66.7836, 49.8683,
100.7134

■ 79.3468, 71.7650,
104.2777

■ 61.9006, 41.6770,
99.3897

■ 87.1269, 85.6698,
106.5516

■ 57.8759, 35.1754,
98.3469

95.0500, 100.0000,
108.9000

■ 54.6462, 30.2372,
97.5639

■ 52.1391, 26.7179,
97.0168

■ 50.2690, 24.4461,
96.6768

■ 48.9092, 23.1689,
96.5020

■ 48.7874, 23.0657,
96.4885

Harmonies

Analogous

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



64.1400, 59.8606, 126.1470



72.5799, 59.8606, 102.3366



76.9052, 59.8606, 72.2350

Triad

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



72.5799, 59.8606, 102.3366



59.3092, 59.8606, 25.9673



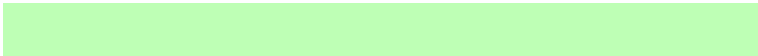
41.6868, 59.8606, 87.2013

Complementary

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



72.5799, 59.8606, 102.3366



65.3372, 85.8041, 56.8372

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.



40.6981, 59.8606, 58.5963



72.5799, 59.8606, 102.3366



50.2185, 59.8606, 27.9157

Square

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



72.5799, 59.8606, 102.3366



68.7099, 59.8606, 31.9708



43.6513, 59.8606, 38.3179



46.5198, 59.8606, 115.8538

Rectangle

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



72.5799, 59.8606, 102.3366



76.5711, 59.8606, 54.5526



43.6513, 59.8606, 38.3179



40.9173, 59.8606, 77.1006

Sweetspot

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



72.5816, 59.8631, 102.3370



87.1414, 85.6959, 106.5559



55.7101, 54.2500, 102.1428



18.3956, 17.8819, 22.7319



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.



72.5816, 59.8631, 102.3370



68.9999, 53.6610, 101.3286



71.7504, 59.9041, 81.0842



18.5624, 18.1817, 22.7810



25.5784, 12.0966, 50.4213



2.5491, 1.2080, 4.9121

Inverse Universe

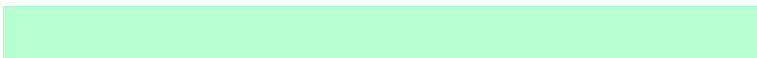
The Inverse Universe completely reimagines the original color for something new.



67.0597, 58.0278, 56.3834



62.7271, 51.6002, 48.0418



66.2194, 85.9052, 72.8540



18.0992, 18.0230, 19.1396



21.7060, 11.1717, 1.8365



2.1406, 1.0986, 0.3219

Previews

White Background



This preview shows how the XYZ color 72.5799, 59.8606, 102.3366 looks on a white background.

Color Contrast Check

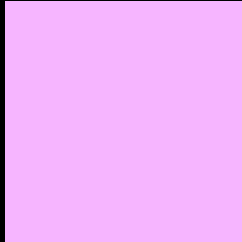
Large Text (above 18pt) WCAG AA × Fail

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 72.5799, 59.8606, 102.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

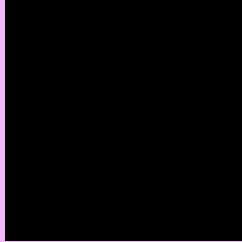
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5799, 59.8606, 102.3366

Background



This preview shows how black text looks on a background with the XYZ color 72.5799, 59.8606, 102.3366.



This preview shows how white text looks on a background with the XYZ color 72.5799, 59.8606,

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

72.5799, 59.8606, 102.3366

Protanopia

60.4057, 60.4082, 103.0840

Deuteranopia

61.3892, 59.9540, 99.6035



Tritanopia

65.2469, 60.0201, 65.9038

Trichromacy



Original Color

72.5799, 59.8606, 102.3366



Protanomaly

63.9201, 59.5052, 102.7244



Deuteranomaly

64.7392, 59.3265, 100.1345



Tritanomaly

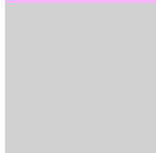
67.7076, 59.7456, 77.7755

Monochromacy



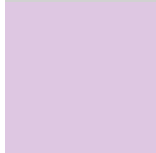
Original Color

72.5799, 59.8606, 102.3366



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

64.2751, 61.8674, 80.5055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5799, 59.8606, 102.3366 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(246, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 181, 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(246, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.5799, 59.8606, 102.3366 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(246, 181, 255) }
```


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

```
.border{ border-color:rgb(246, 181, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5799, 59.8606, 102.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 181, 255) }
```

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

```
.background{ background-color: rgb(246,  
181, 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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