

Converting Colors

XYZ(72.0032, 59.5648,
102.3099)

Have a look what the booklet for
XYZ(72.0032, 59.5648, 102.3099)
contains.

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Color

**XYZ(71.8821, 59.5008,
102.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	F4B5FF
RGB	244, 181, 255
RGB Percent	96%, 71%, 100%
CMY	0.0431, 0.2902, 0.0000
CMYK	0.04, 0.29, 0.00, 0.00
HSL	291°, 100%, 85%
HSV	291°, 29%, 100%
XYZ	71.8821, 59.5008, 102.3040
YIQ	208.2730, 13.7940, 36.3700

Conversions

Conversions Part 2

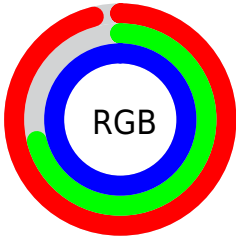
Format	Color
R _Y B	244, 181, 255
Decimal	16037375
CIE Lab	81.57, 35.00, -27.67
CIE LCh	82, 44.617, 321.671
Yxy	59.5008, 0.3076, 0.2546
Android (android.graphics.Color)	4294227455 (0xFFFF4B5FF)
YUV	208.2730, 23.0364, 31.3326
Hunter-Lab	77.1368, 31.3510, -24.6387

Details

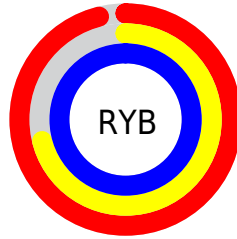
The XYZ color **71.8821, 59.5008, 102.3040** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.8401, 86.0633, 56.8606**, and the grayscale version is **59.9817, 63.1055, 68.7219**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **38.2759, 29.8208, 57.1647** is the 20% darker color. If you saturate the color by 10%, you get **65.8627, 49.3936, 100.6703**, and if you desaturate by 10%, it is **78.8808, 71.5247, 104.2559**.

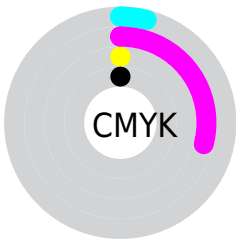
Distribution



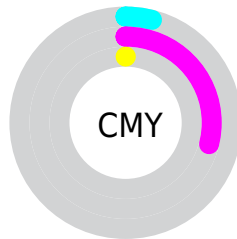
- Red (96%)
- Green (71%)
- Blue (100%)



- 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 71.8821, 59.5008, 102.3040 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 71.8821, 59.5008, 102.3040 by changing the saturation by 10% instead.


 71.8821, 59.5008,
102.3040

 71.8821, 59.5008,
102.3040


456.2951,
422.7553, 588.8642

 53.3475, 43.0164,
77.5985


 120.9006,
104.1052, 166.3992

 38.3088, 29.8980,
57.2297


152.1152,
132.9939, 206.6261

 26.4008, 19.7612,
40.7791


188.2872,
166.7863, 252.8638

 17.2580, 12.2216,
27.8281

229.7819,
205.8666, 305.5309

 10.5150, 6.8948,
17.9582

276.9647,
250.6192, 365.0459

 5.8066, 3.3964,
10.7509

330.2009,

 2.7674, 1.3420,

301.4286, 431.8275

5.7875

389.8559,
358.6792, 506.2940

■ 1.0320, 0.1734,
2.6496

■ 0.0000, 0.0000,
0.9179

■ 71.8821, 59.5008,
102.3040

■ 71.8821, 59.5008,
102.3040

■ 65.8627, 49.3936,
100.6703

■ 78.8808, 71.5247,
104.2559

■ 60.7656, 41.0918,
99.3365

■ 86.9018, 85.5537,
106.5410

■ 56.5354, 34.4843,
98.2841

95.0500, 100.0000,
108.9000

■ 53.1088, 29.4446,
97.4920

■ 50.4136, 25.8283,
96.9360

■ 48.3637, 23.4639,
96.5877

■ 46.8326, 22.0984,
96.4048

■ 46.6946, 21.9868,
96.3905

Harmonies

Analogous

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



63.4647, 59.5008, 125.4725



71.8821, 59.5008, 102.3040



76.2991, 59.5008, 72.5440

Triad

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



71.8821, 59.5008, 102.3040



59.2013, 59.5008, 25.9941



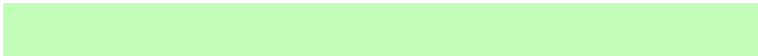
41.4210, 59.5008, 85.7487

Complementary

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



71.8821, 59.5008, 102.3040



65.8401, 86.0633, 56.8606

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.



40.5476, 59.5008, 57.6023



71.8821, 59.5008, 102.3040



50.1636, 59.5008, 27.7173

Square

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



71.8821, 59.5008, 102.3040



68.4675, 59.5008, 32.1769



43.5758, 59.5008, 37.7863



46.1089, 59.5008, 114.2244

Rectangle

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



71.8821, 59.5008, 102.3040



76.0767, 59.5008, 54.9071



43.5758, 59.5008, 37.7863



40.6939, 59.5008, 75.7846

Sweetspot

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



71.8838, 59.5033, 102.3043



86.9168, 85.5801, 106.5454



55.9798, 54.7895, 102.2327



18.3399, 17.8532, 22.7293



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.



71.8838, 59.5033, 102.3043



68.1677, 53.2319, 101.2897



71.9220, 59.9727, 81.9885



18.5117, 18.1555, 22.7786



24.4997, 11.5406, 50.3709



2.4544, 1.1592, 4.9077

Inverse Universe

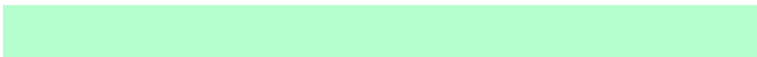
The Inverse Universe completely reimagines the original color for something new.



67.2797, 58.1158, 57.5425



62.9691, 51.6969, 49.3157



66.0679, 85.8447, 72.0571



18.1194, 18.0311, 19.2458



21.7635, 11.1947, 2.1393



2.1500, 1.1024, 0.3716

Previews

White Background



This preview shows how the XYZ color 71.8821, 59.5008, 102.3040 looks on a white background.

Color Contrast Check

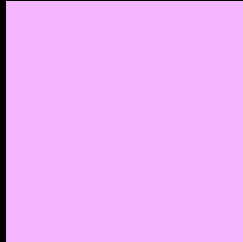
Large Text (above 18pt) WCAG AA × Fail

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 71.8821, 59.5008, 102.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

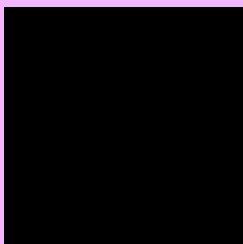
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8821, 59.5008, 102.3040

Background



This preview shows how black text looks on a background with the XYZ color 71.8821, 59.5008, 102.3040.



This preview shows how white text looks on a background with the XYZ color 71.8821, 59.5008,

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

71.8821, 59.5008, 102.3040

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

61.2828, 59.8809, 100.4237



Tritanopia

64.5753, 59.6739, 65.8723

Trichromacy



Original Color

71.8821, 59.5008, 102.3040



Protanomaly

63.6363, 59.3589, 102.7112



Deuteranomaly

64.6036, 59.2382, 100.9576



Tritanomaly

67.0248, 59.3936, 77.7436

Monochromacy



Original Color

71.8821, 59.5008, 102.3040



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

63.6035, 61.1966, 79.6940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8821, 59.5008, 102.3040 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(244, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.8821, 59.5008, 102.3040 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(244, 181, 255) }
```


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

```
.border{ border-color:rgb(244, 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(244, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8821, 59.5008, 102.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 181, 255) }
```

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

```
.background{ background-color: rgb(244,  
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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