

Converting Colors

XYZ(81.9967, 63.3582,
157.5043)

Have a look what the booklet for
XYZ(81.9967, 63.3582, 157.5043)
contains.

| | |
|--|----|
| XYZ(71.5360, 59.3224, 102.2878) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(71.5360, 59.3224,
102.2878)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3B5FF |
| RGB | 243, 181, 255 |
| RGB Percent | 95%, 71%, 100% |
| CMY | 0.0471, 0.2902, 0.0000 |
| CMYK | 0.05, 0.29, 0.00, 0.00 |
| HSL | 290°, 100%, 85% |
| HSV | 290°, 29%, 100% |
| XYZ | 71.5360, 59.3224, 102.2878 |
| YIQ | 207.9740, 13.1980, 36.1580 |

Conversions

Conversions Part 2

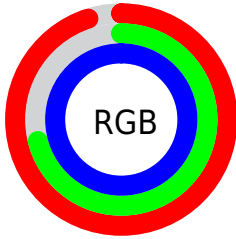
| Format | Color |
|-------------------------------------|---|
| RYB | 243, 181, 255 |
| Decimal | 15971839 |
| CIELab | 81.47, 34.69, -27.83 |
| CIElCh | 81, 44.472, 321.263 |
| Yxy | 59.3224, 0.3068, 0.2544 |
| Android (android.graphics.Color) | 4294161919 (0xFFFF3B5FF) |
| YUV | 207.9740, 23.1838, 30.7178 |
| Hunter-Lab | 77.0210, 31.0013, -24.8254 |

Details

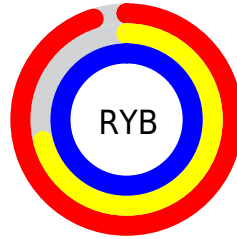
The XYZ color **71.5360, 59.3224, 102.2878** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.0942, 86.1943, 56.8725**, and the grayscale version is **59.7875, 62.9011, 68.4993**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **38.0321, 29.6951, 57.1533** is the 20% darker color. If you saturate the color by 10%, you get **65.4073, 49.1588, 100.6490**, and if you desaturate by 10%, it is **78.6491, 71.4053, 104.2451**.

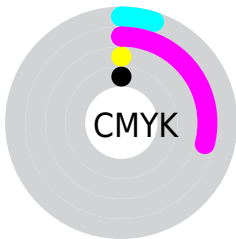
Distribution



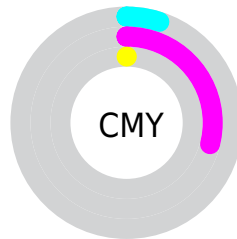
- Red (95%)
- Green (71%)
- Blue (100%)



- Red (95%)
- Yellow (71%)
- Blue (100%)



- Cyan (5%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5360, 59.3224, 102.2878 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 71.5360, 59.3224, 102.2878 by changing the saturation by 10% instead.


 71.5360, 59.3224,
102.2878

 71.5360, 59.3224,
102.2878


455.1077,
422.0956, 588.8121

 53.0638, 42.8727,
77.5850

 120.4110,
103.8461, 166.3768

 38.0814, 29.7853,
57.2187


151.5445,
132.6889, 206.6002

 26.2234, 19.6756,
40.7704


187.6292,
166.4315, 252.8342

 17.1244, 12.1595,
27.8213

229.0305,
205.4583, 305.4973

 10.4191, 6.8524,
17.9532

276.1136,
250.1537, 365.0081

 5.7421, 3.3700,
10.7473

329.2439,

 2.7280, 1.3278,

300.9022, 431.7852

5.7851

388.7868,
358.0880, 506.2470

■ 1.0116, 0.1626,
2.6482

■ 0.0000, 0.0000,
0.9172

■ 71.5360, 59.3224,
102.2878

■ 71.5360, 59.3224,
102.2878

■ 65.4073, 49.1588,
100.6490

■ 78.6491, 71.4053,
104.2451

■ 60.2059, 40.8033,
99.3104

■ 86.7896, 85.4958,
106.5358

■ 55.8765, 34.1447,
98.2533

95.0500, 100.0000,
108.9000

■ 52.3557, 29.0564,
97.4567

■ 49.5710, 25.3939,
96.8966

■ 47.4366, 22.9860,
96.5443

■ 45.8258, 21.5793,
96.3577

■ 45.6801, 21.4638,
96.3431

Harmonies

Analogous

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



63.1301, 59.3224, 125.1366



71.5360, 59.3224, 102.2878



75.9983, 59.3224, 72.6989

Triad

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



71.5360, 59.3224, 102.2878



59.1480, 59.3224, 26.0083



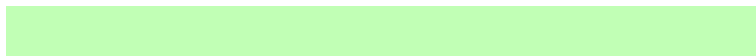
41.2894, 59.3224, 85.0305

Complementary

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



71.5360, 59.3224, 102.2878



66.0942, 86.1943, 56.8725

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.



40.4734, 59.3224, 57.1113



71.5360, 59.3224, 102.2878



50.1368, 59.3224, 27.6195

Square

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



71.5360, 59.3224, 102.2878



68.3472, 59.3224, 32.2808



43.5388, 59.3224, 37.5238



45.9055, 59.3224, 113.4172

Rectangle

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



71.5360, 59.3224, 102.2878



75.8312, 59.3224, 55.0852



43.5388, 59.3224, 37.5238



40.5833, 59.3224, 75.1342

Sweetspot

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



71.5377, 59.3249, 102.2881



86.8048, 85.5224, 106.5401



56.2520, 55.3338, 102.3234



18.3122, 17.8389, 22.7280



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.



71.5377, 59.3249, 102.2881



67.7556, 53.0195, 101.2704



72.0950, 60.0419, 82.8993



18.4865, 18.1425, 22.7775



23.9766, 11.2709, 50.3464



2.4083, 1.1355, 4.9055

Inverse Universe

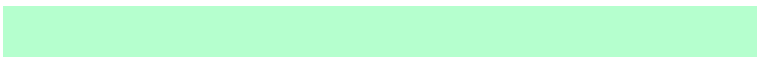
The Inverse Universe completely reimagines the original color for something new.



67.3910, 58.1603, 58.1282



63.0917, 51.7460, 49.9612



65.9178, 85.7846, 71.2665



18.1295, 18.0351, 19.2990



21.7963, 11.2078, 2.3116



2.1548, 1.1043, 0.3964

Previews

White Background



This preview shows how the XYZ color 71.5360, 59.3224, 102.2878 looks on a white background.

Color Contrast Check

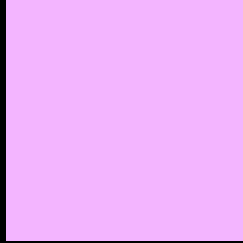
Large Text (above 18pt) WCAG AA × Fail

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 71.5360, 59.3224, 102.2878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

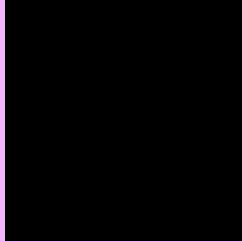
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5360, 59.3224, 102.2878

Background



This preview shows how black text looks on a background with the XYZ color 71.5360, 59.3224, 102.2878.



This preview shows how white text looks on a background with the XYZ color 71.5360, 59.3224,

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

71.5360, 59.3224, 102.2878

Protanopia

59.6757, 59.6847, 102.9828

Deuteranopia

61.0201, 59.7454, 100.4114



Tritanopia

64.2423, 59.5022, 65.8568

Trichromacy



Original Color

71.5360, 59.3224, 102.2878



Protanomaly

63.3542, 59.2135, 102.6980



Deuteranomaly

64.3108, 59.0873, 100.9439



Tritanomaly

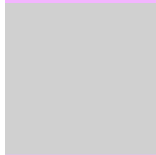
66.6862, 59.2191, 77.7277

Monochromacy



Original Color

71.5360, 59.3224, 102.2878



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 71.5360, 59.3224, 102.2878 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(243, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.5360, 59.3224, 102.2878 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(243, 181, 255) }
```


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

```
.border{ border-color:rgb(243, 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(243, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5360, 59.3224, 102.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 181, 255) }
```

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

```
.background{ background-color: rgb(243,  
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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