

Converting Colors

XYZ(71.3948, 60.1297,
108.4190)

Have a look what the booklet for
XYZ(71.3948, 60.1297, 108.4190)
contains.

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Color

**XYZ(70.1155, 59.5055,
102.3980)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB8FF
RGB	237, 184, 255
RGB Percent	93%, 72%, 100%
CMY	0.0706, 0.2784, 0.0000
CMYK	0.07, 0.28, 0.00, 0.00
HSL	285°, 100%, 86%
HSV	285°, 28%, 100%
XYZ	70.1155, 59.5055, 102.3980
YIQ	207.9410, 8.7970, 33.3170

Conversions

Conversions Part 2

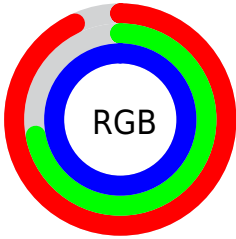
Format	Color
R _Y B	237, 184, 255
Decimal	15579391
CIE _{Lab}	81.57, 31.23, -27.73
CIE _{LCh}	82, 41.760, 318.399
Y _{xy}	59.5055, 0.3022, 0.2565
Android (android.graphics.Color)	4293769471 (0xFFEDB8FF)
Y _{UV}	207.9410, 23.2001, 25.4847
Hunter-Lab	77.1398, 27.2512, -24.7057

Details

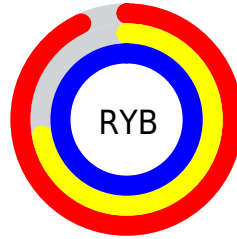
The XYZ color **70.1155, 59.5055, 102.3980** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.7703, 87.5379, 58.6222**, and the grayscale version is **59.7680, 62.8806, 68.4770**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **36.9981, 29.7458, 57.2176** is the 20% darker color. If you saturate the color by 10%, you get **63.1690, 48.7584, 100.6897**, and if you desaturate by 10%, it is **78.0979, 72.2070, 104.4289**.

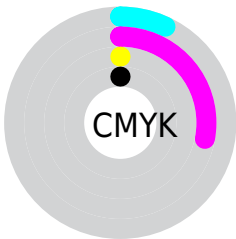
Distribution



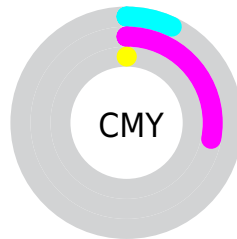
- Red (93%)
- Green (72%)
- Blue (100%)



- Red (93%)
- Yellow (72%)
- Blue (100%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1155, 59.5055, 102.3980 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 70.1155, 59.5055, 102.3980 by changing the saturation by 10% instead.

70.1155, 59.5055,
102.3980

70.1155, 59.5055,
102.3980

450.2155,
422.7727, 589.1660

51.9006, 43.0202,
77.6767

118.3988,
104.1120, 166.5292

37.1498, 29.9009,
57.2936

149.1980,
133.0020, 206.7763

25.4977, 19.7634,
40.8301

184.9226,
166.7956, 253.0356

16.5790, 12.2232,
27.8676

225.9381,
205.8773, 305.7258

10.0282, 6.8959,
17.9877

272.6098,
250.6315, 365.2654

5.4801, 3.3971,
10.7718

325.3030,

2.5692, 1.3424,

301.4425, 432.0730

5.8014

384.3831,
358.6947, 506.5670

■ 0.9303, 0.1737,
2.6579

■ 0.0000, 0.0000,
0.9221

■ 70.1155, 59.5055,
102.3980

■ 70.1155, 59.5055,
102.3980

■ 63.1690, 48.7584,
100.6897

■ 78.0979, 72.2070,
104.4289

■ 57.2012, 39.8554,
99.2858

■ 87.1594, 86.9509,
106.7971

■ 52.1569, 32.6861,
98.1678

95.0500, 100.0000,
108.9000

■ 47.9728, 27.1254,
97.3150

■ 44.5771, 23.0311,
96.7037

■ 41.8853, 20.2351,
96.3059

■ 39.7846, 18.5133,
96.0843

■ 39.3737, 18.2128,
96.0479

Harmonies

Analogous

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



62.0443, 59.5055, 122.2081



70.1155, 59.5055, 102.3980



74.7194, 59.5055, 74.9873

Triad

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



70.1155, 59.5055, 102.3980



60.0145, 59.5055, 28.0875



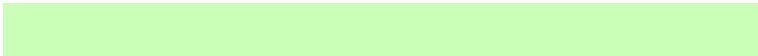
42.0303, 59.5055, 81.2452

Complementary

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



70.1155, 59.5055, 102.3980



68.7703, 87.5379, 58.6222

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.



41.6076, 59.5055, 55.5643



70.1155, 59.5055, 102.3980



51.4054, 59.5055, 28.9442

Square

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



70.1155, 59.5055, 102.3980



68.4980, 59.5055, 34.9931



44.8718, 59.5055, 37.7451



46.0933, 59.5055, 107.9853

Rectangle

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



70.1155, 59.5055, 102.3980



74.9164, 59.5055, 57.9962



44.8718, 59.5055, 37.7451



41.4745, 59.5055, 72.0976

Sweetspot

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



70.1172, 59.5080, 102.3983



87.0068, 86.7002, 106.7568



59.1595, 60.0932, 103.0888



18.3166, 18.0550, 22.7695



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.



70.1172, 59.5080, 102.3983



66.4070, 53.7253, 101.4777



73.8781, 61.7418, 89.2476



18.3166, 18.0550, 22.7695



20.7186, 9.5913, 50.1939



2.1179, 0.9857, 4.8919

Inverse Universe

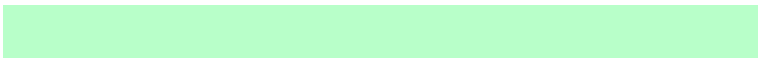
The Inverse Universe completely reimagines the original color for something new.



69.0426, 59.8076, 63.7843



65.3093, 54.1431, 56.9842



66.0206, 85.9079, 68.0961



18.1983, 18.0626, 19.6613



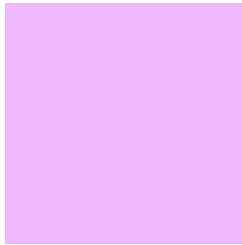
22.0923, 11.3262, 3.8708



2.1929, 1.1195, 0.5971

Previews

White Background



This preview shows how the XYZ color 70.1155, 59.5055, 102.3980 looks on a white background.

Color Contrast Check

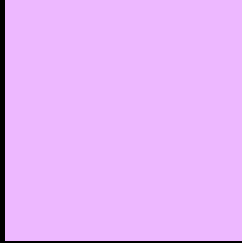
Large Text (above 18pt) WCAG AA × Fail

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 70.1155, 59.5055, 102.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

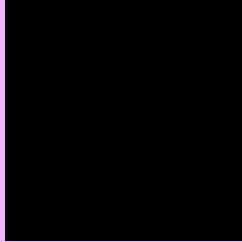
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.1155, 59.5055, 102.3980

Background



This preview shows how black text looks on a background with the XYZ color 70.1155, 59.5055, 102.3980.

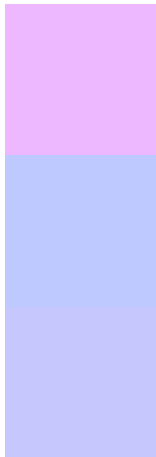


This preview shows how white text looks on a background with the XYZ color 70.1155, 59.5055,

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

70.1155, 59.5055, 102.3980

Protanopia

59.9229, 59.8121, 102.9944

Deuteranopia

61.2828, 59.8809, 100.4237



Tritanopia

63.0883, 59.5170, 67.8373

Trichromacy



Original Color

70.1155, 59.5055, 102.3980



Protanomaly

63.0187, 59.3720, 102.7462



Deuteranomaly

64.1728, 59.6725, 101.0642



Tritanomaly

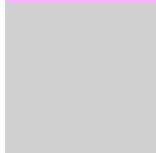
65.6083, 59.5868, 79.2776

Monochromacy



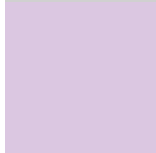
Original Color

70.1155, 59.5055, 102.3980



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 70.1155, 59.5055, 102.3980 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(237, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 184, 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(237, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.1155, 59.5055, 102.3980 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(237, 184, 255) }
```


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

```
.border{ border-color:rgb(237, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 184,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1155, 59.5055, 102.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 184, 255) }
```

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

```
.background{ background-color: rgb(237,  
184, 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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