

Converting Colors

XYZ(69.9759, 58.4711,
101.0417)

Have a look what the booklet for
XYZ(69.9759, 58.4711, 101.0417)
contains.

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Color

**XYZ(70.0099, 58.5542,
101.3781)**

Conversions

Conversions Part 1

Format	Color
Hex	EFB5FE
RGB	239, 181, 254
RGB Percent	94%, 71%, 100%
CMY	0.0627, 0.2902, 0.0039
CMYK	0.06, 0.29, 0.00, 0.00
HSL	288°, 97%, 85%
HSV	288°, 29%, 100%
XYZ	70.0099, 58.5542, 101.3781
YIQ	206.6640, 11.1350, 34.9990

Conversions

Conversions Part 2

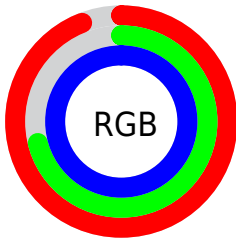
Format	Color
R _Y B	239, 181, 254
Decimal	15709694
CIE Lab	81.05, 33.25, -27.97
CIE LCh	81, 43.455, 319.928
Yxy	58.5542, 0.3045, 0.2546
Android (android.graphics.Color)	4293899774 (0xFFEFB5FE)
YUV	206.6640, 23.3366, 28.3587
Hunter-Lab	76.5207, 29.4010, -24.9856

Details

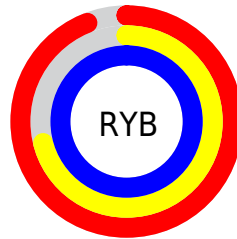
The XYZ color **70.0099, 58.5542, 101.3781** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.5491, 85.9570, 56.8026**, and the grayscale version is **58.9434, 62.0131, 67.5322**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **36.9588, 29.1550, 56.5029** is the 20% darker color. If you saturate the color by 10%, you get **63.5723, 48.2561, 99.7305**, and if you desaturate by 10%, it is **77.4436, 70.7665, 103.3444**.

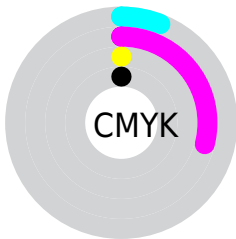
Distribution



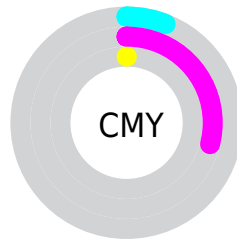
- Red (94%)
- Green (71%)
- Blue (100%)



- 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 70.0099, 58.5542, 101.3781 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 70.0099, 58.5542, 101.3781 by changing the saturation by 10% instead.


 70.0099, 58.5542,
101.3781

 70.0099, 58.5542,
101.3781


449.8506,
419.2478, 585.8864

 51.8142, 42.2544,
76.8287


 118.2491,
102.7295, 165.1181

 37.0807, 29.3005,
56.6015


149.0233,
131.3737, 205.1457

 25.4439, 19.3083,
40.2782

184.7210,
164.9015, 251.1698

 16.5386, 11.8932,
27.4401

225.7077,
203.6972, 303.6089

 9.9993, 6.6710,
17.6687

272.3487,
248.1453, 362.8816

 5.4608, 3.2572,
10.5454

325.0092,

 2.5576, 1.2675,

298.6302, 429.4064

5.6517

384.0548,
355.5363, 503.6018

■ 0.9244, 0.1158,
2.5692

■ 0.0000, 0.0000,
0.8765

■ 70.0099, 58.5542,
101.3781

■ 70.0099, 58.5542,
101.3781

■ 63.5723, 48.2561,
99.7305

■ 77.4436, 70.7665,
103.3444

■ 58.0736, 39.7620,
98.3808

■ 85.9155, 84.9802,
105.6414

■ 53.4590, 32.9620,
97.3115

94.7644, 99.8713,
108.0493

■ 49.6658, 27.7311,
96.5018

94.8896, 99.9358,
108.0551

■ 46.6224, 23.9267,
95.9279

■ 44.2439, 21.3799,
95.5616

■ 42.4084, 19.8474,
95.3626

■ 42.1953, 19.6859,
95.3426

Harmonies

Analogous

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



61.7775, 58.5542, 122.7859



70.0099, 58.5542, 101.3781



74.5378, 58.5542, 72.8439

Triad

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



70.0099, 58.5542, 101.3781



58.7430, 58.5542, 26.2873



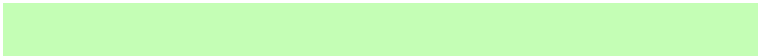
40.8884, 58.5542, 82.2290

Complementary

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



70.0099, 58.5542, 101.3781



66.5491, 85.9570, 56.8026

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.



40.2637, 58.5542, 55.4565



70.0099, 58.5542, 101.3781



49.9492, 58.5542, 27.5299

Square

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



70.0099, 58.5542, 101.3781



67.5832, 58.5542, 32.7974



43.4084, 58.5542, 36.8260



45.2183, 58.5542, 109.8229

Rectangle

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



70.0099, 58.5542, 101.3781



74.5471, 58.5542, 55.5693



43.4084, 58.5542, 36.8260



40.2576, 58.5542, 72.7087

Sweetspot

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



70.0118, 58.5567, 101.3794



86.4470, 85.3379, 106.5234



56.8724, 56.8314, 101.7389



18.2235, 17.7932, 22.7239



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.



70.0118, 58.5567, 101.3794



67.0950, 53.3726, 101.3734



72.1519, 60.0223, 85.1125



18.4057, 18.1009, 22.7737



22.3715, 10.4434, 50.2713



2.2660, 1.0621, 4.8988

Inverse Universe

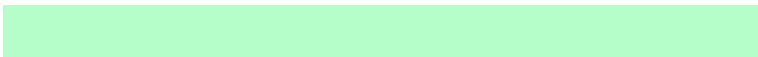
The Inverse Universe completely reimagines the original color for something new.



67.3626, 58.1065, 59.8922



64.1732, 52.9262, 53.3519



65.1230, 84.9581, 68.6494



18.1620, 18.0481, 19.4702



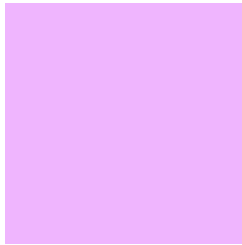
21.9199, 11.2573, 2.9629



2.1714, 1.1109, 0.4841

Previews

White Background



This preview shows how the XYZ color 70.0099, 58.5542, 101.3781 looks on a white background.

Color Contrast Check

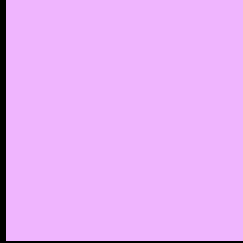
Large Text (above 18pt) WCAG AA × Fail

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 70.0099, 58.5542, 101.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

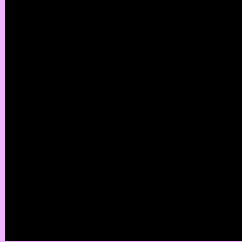
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.0099, 58.5542, 101.3781

Background



This preview shows how black text looks on a background with the XYZ color 70.0099, 58.5542, 101.3781.



This preview shows how white text looks on a background with the XYZ color 70.0099, 58.5542,

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

70.0099, 58.5542, 101.3781

Protanopia

59.1978, 59.0933, 102.8938

Deuteranopia

60.1438, 58.6333, 99.4142



Tritanopia

62.7116, 58.3905, 65.7228

Trichromacy



Original Color

70.0099, 58.5542, 101.3781



Protanomaly

62.5736, 58.4817, 102.5979



Deuteranomaly

63.3529, 58.2869, 100.0069



Tritanomaly

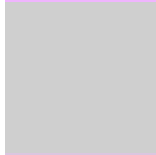
65.3506, 58.5305, 77.6652

Monochromacy



Original Color

70.0099, 58.5542, 101.3781



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 70.0099, 58.5542, 101.3781 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, 181, 254)` looks like.

```
.text, #text, p{  
    color:rgb(239, 181, 254)  
}
```

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, 181, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 181, 254) }
```

Border

The CSS property to change the border of an element to XYZ 70.0099, 58.5542, 101.3781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

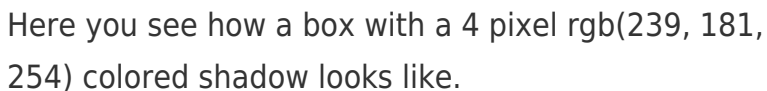
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 181, 254) }
```


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

```
.border{ border-color:rgb(239, 181, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 181, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 181, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 181, 254); box-shadow:4px 4px 4px 4px rgb(239, 181, 254) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0099, 58.5542, 101.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 181, 254) }
```

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

```
.background{ background-color: rgb(239,  
181, 254) }
```

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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