

Converting Colors

XYZ(71.0144, 59.0722,
102.2669)

Have a look what the booklet for
XYZ(71.0144, 59.0722, 102.2669)
contains.

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Color

**XYZ(70.8495, 58.9685,
102.2556)**

Conversions

Conversions Part 1

Format	Color
Hex	F1B5FF
RGB	241, 181, 255
RGB Percent	95%, 71%, 100%
CMY	0.0549, 0.2902, 0.0000
CMYK	0.05, 0.29, 0.00, 0.00
HSL	289°, 100%, 85%
HSV	289°, 29%, 100%
XYZ	70.8495, 58.9685, 102.2556
YIQ	207.3760, 12.0060, 35.7340

Conversions

Conversions Part 2

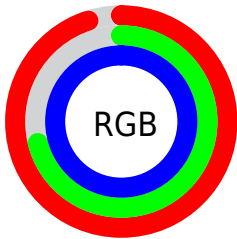
Format	Color
R _Y B	241, 181, 255
Decimal	15840767
CIE _{Lab}	81.27, 34.07, -28.14
CIE _{LCh}	81, 44.188, 320.440
Yxy	58.9685, 0.3053, 0.2541
Android (android.graphics.Color)	4294030847 (0xFFFF1B5FF)
YUV	207.3760, 23.4786, 29.4882
Hunter-Lab	76.7909, 30.3050, -25.1975

Details

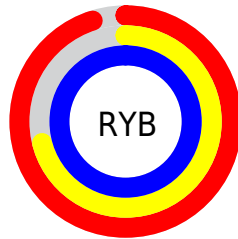
The XYZ color **70.8495, 58.9685, 102.2556** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.6075, 86.4589, 56.8965**, and the grayscale version is **59.4000, 62.4934, 68.0553**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **37.5496, 29.4463, 57.1307** is the 20% darker color. If you saturate the color by 10%, you get **64.5068, 48.6945, 100.6068**, and if you desaturate by 10%, it is **78.1881, 71.1676, 104.2235**.

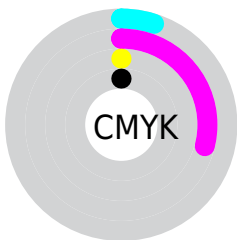
Distribution



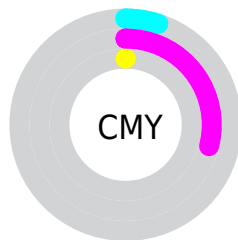
- Red (95%)
- Green (71%)
- Blue (100%)



- 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 70.8495, 58.9685, 102.2556 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 70.8495, 58.9685, 102.2556 by changing the saturation by 10% instead.


 70.8495, 58.9685,
102.2556

 70.8495, 58.9685,
102.2556


452.7472,
420.7852, 588.7087

 52.5015, 42.5878,
77.5583


 119.4391,
103.3319, 166.3323

 37.6308, 29.5618,
57.1969

150.4114,
132.0833, 206.5487

 25.8722, 19.5062,
40.7529


186.3224,
165.7271, 252.7753

 16.8602, 12.0366,
27.8078

227.5377,
204.6476, 305.4305

 10.2296, 6.7686,
17.9431

274.4224,
249.2293, 364.9329

 5.6149, 3.3178,
10.7401

327.3420,

 2.6508, 1.2998,

299.8565, 431.7010

5.7804

386.6618,
356.9137, 506.1535

■ 0.9719, 0.1411,
2.6454

■ 0.0000, 0.0000,
0.9157

■ 70.8495, 58.9685,
102.2556

■ 70.8495, 58.9685,
102.2556

■ 64.5068, 48.6945,
100.6068

■ 78.1881, 71.1676,
104.2235

■ 59.1027, 40.2345,
99.2587

■ 86.5657, 85.3804,
106.5253

■ 54.5818, 33.4772,
98.1927

95.0500, 100.0000,
108.9000

■ 50.8806, 28.2959,
97.3877

■ 47.9265, 24.5462,
96.8196

■ 45.6335, 22.0564,
96.4599

■ 43.8748, 20.5735,
96.2664

■ 43.7152, 20.4509,
96.2511

Harmonies

Analogous

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



62.4667, 58.9685, 124.4678



70.8495, 58.9685, 102.2556



75.4010, 58.9685, 73.0095

Triad

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



70.8495, 58.9685, 102.2556



59.0426, 58.9685, 26.0379



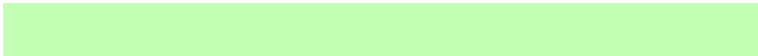
41.0289, 58.9685, 83.6105

Complementary

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



70.8495, 58.9685, 102.2556



66.6075, 86.4589, 56.8965

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.



40.3266, 58.9685, 56.1415



70.8495, 58.9685, 102.2556



50.0844, 58.9685, 27.4264

Square

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



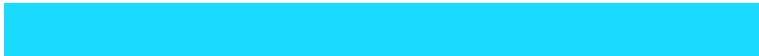
70.8495, 58.9685, 102.2556



68.1081, 58.9685, 32.4901



43.4661, 58.9685, 37.0051



45.5025, 58.9685, 111.8181

Rectangle

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



70.8495, 58.9685, 102.2556



75.3434, 58.9685, 55.4427



43.4661, 58.9685, 37.0051



40.3646, 58.9685, 73.8488

Sweetspot

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



70.8512, 58.9710, 102.2560



86.5814, 85.4072, 106.5297



56.8030, 56.4359, 102.5071



18.2568, 17.8104, 22.7255



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.



70.8512, 58.9710, 102.2560



66.9397, 52.5989, 101.2322



72.4446, 60.1817, 84.7402



18.4360, 18.1165, 22.7751



22.9625, 10.7481, 50.2989



2.3186, 1.0892, 4.9013

Inverse Universe

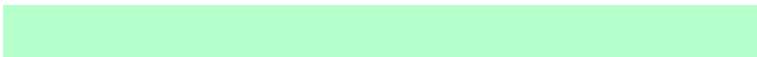
The Inverse Universe completely reimagines the original color for something new.



67.6156, 58.2501, 59.3113



63.3400, 51.8453, 51.2690



65.6210, 85.6659, 69.7038



18.1497, 18.0432, 19.4057



21.8700, 11.2373, 2.6998



2.1649, 1.1083, 0.4496

Previews

White Background



This preview shows how the XYZ color 70.8495, 58.9685, 102.2556 looks on a white background.

Color Contrast Check

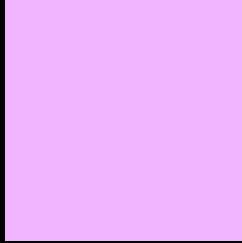
Large Text (above 18pt) WCAG AA × Fail

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 70.8495, 58.9685, 102.2556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

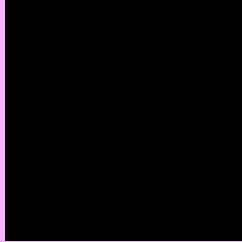
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.8495, 58.9685, 102.2556

Background



This preview shows how black text looks on a background with the XYZ color 70.8495, 58.9685, 102.2556.

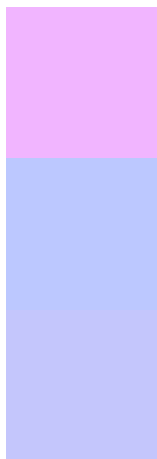


This preview shows how white text looks on a background with the XYZ color 70.8495, 58.9685,

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

70.8495, 58.9685, 102.2556

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.5297, 59.1522, 100.3227



Tritanopia

63.5819, 59.1618, 65.8258

Trichromacy



Original Color

70.8495, 58.9685, 102.2556



Protanomaly

62.8521, 58.6253, 102.6109



Deuteranomaly

63.7306, 58.7882, 100.9168

Tritanomaly

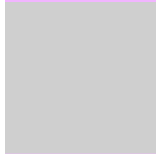
66.0147, 58.8729, 77.6963

Monochromacy



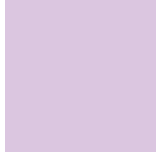
Original Color

70.8495, 58.9685, 102.2556



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 70.8495, 58.9685, 102.2556 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(241, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 181, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.8495, 58.9685, 102.2556 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(241, 181, 255) }
```


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

```
.border{ border-color:rgb(241, 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(241, 181, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 181,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8495, 58.9685, 102.2556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 181, 255) }
```

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

```
.background{ background-color: rgb(241,  
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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