

Converting Colors

XYZ(105.2716, 70.9927,
284.6165)

Have a look what the booklet for
XYZ(105.2716, 70.9927, 284.6165)
contains.

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Color

**XYZ(70.6882, 57.1130,
101.9060)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F4AFFF |
| RGB | 244, 175, 255 |
| RGB Percent | 96%, 69%, 100% |
| CMY | 0.0431, 0.3137, 0.0000 |
| CMYK | 0.04, 0.31, 0.00, 0.00 |
| HSL | 292°, 100%, 84% |
| HSV | 292°, 31%, 100% |
| XYZ | 70.6882, 57.1130, 101.9060 |
| YIQ | 204.7510, 15.4440, 39.5080 |

Conversions

Conversions Part 2

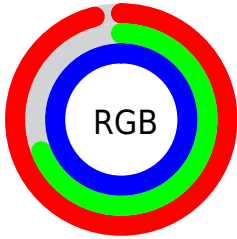
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 244, 175, 255 |
| Decimal | 16035839 |
| CIE Lab | 80.24, 38.17, -29.70 |
| CIE LCh | 80, 48.360, 322.114 |
| Yxy | 57.1130, 0.3077, 0.2486 |
| Android (android.graphics.Color) | 4294225919 (0xFFFF4AFFF) |
| YUV | 204.7510, 24.7728, 34.4214 |
| Hunter-Lab | 75.5731, 34.7090, -27.0479 |

Details

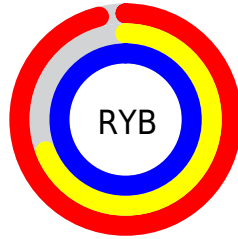
The XYZ color **70.6882, 57.1130, 101.9060** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **63.7489, 85.0549, 53.6174**, and the grayscale version is **57.7125, 60.7180, 66.1219**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **37.5239, 28.3168, 56.9140** is the 20% darker color. If you saturate the color by 10%, you get **64.9814, 47.4873, 100.3488**, and if you desaturate by 10%, it is **77.3586, 68.6296, 103.7773**.

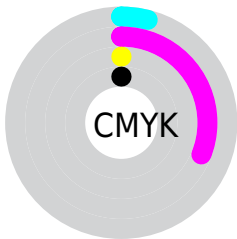
Distribution



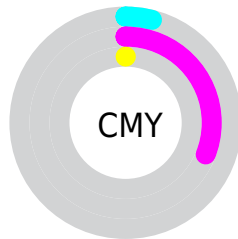
- Red (96%)
- Green (69%)
- Blue (100%)



- Red (96%)
- Yellow (69%)
- Blue (100%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.6882, 57.1130, 101.9060 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 70.6882, 57.1130, 101.9060 by changing the saturation by 10% instead.


 70.6882, 57.1130,
101.9060

 70.6882, 57.1130,
101.9060


452.1915,
413.8726, 587.5851

 52.3694, 41.0960,
77.2675


 119.2106,
100.6301, 165.8487

 37.5251, 28.3941,
56.9596


150.1449,
128.8989, 205.9900

 25.7898, 18.6229,
40.5637


186.0151,
162.0204, 252.1359

 16.7983, 11.3981,
27.6612

227.1865,
200.3790, 304.7052

 10.1852, 6.3353,
17.8336

274.0245,
244.3592, 364.1161

 5.5851, 3.0500,
10.6624

326.8944,

 2.6327, 1.1579,

294.3452, 430.7874

5.7290

386.1616,
350.7216, 505.1376

0.9627, 0.0269,
2.6149

0.0000, 0.0000,
0.9001

70.6882, 57.1130,
101.9060

70.6882, 57.1130,
101.9060

64.9814, 47.4873,
100.3488

77.3586, 68.6296,
103.7773

60.1801, 39.6394,
99.0871

85.0363, 82.1273,
105.9780

56.2277, 33.4555,
98.1018

93.7687, 97.6994,
108.5235

53.0591, 28.8052,
97.3712

95.0500, 100.0000,
108.9000

■ 50.5993, 25.5389,
96.8704

■ 48.7582, 23.4767,
96.5694

■ 47.5475, 22.4265,
96.4305

Harmonies

Analogous

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



61.7492, 57.1130, 127.3802



70.6882, 57.1130, 101.9060



75.3441, 57.1130, 69.9479

Triad

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



70.6882, 57.1130, 101.9060



56.9307, 57.1130, 22.3816



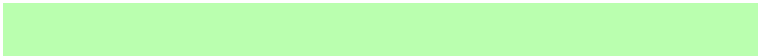
38.5275, 57.1130, 84.9819

Complementary

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



70.6882, 57.1130, 101.9060



63.7489, 85.0549, 53.6174

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.



37.5672, 57.1130, 55.0213



70.6882, 57.1130, 101.9060



47.4464, 57.1130, 24.1920

Square

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



70.6882, 57.1130, 101.9060



66.7968, 57.1130, 28.3888



40.6372, 57.1130, 34.4173



43.4408, 57.1130, 115.7238

Rectangle

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



70.6882, 57.1130, 101.9060



75.0418, 57.1130, 51.4597



40.6372, 57.1130, 34.4173



37.7578, 57.1130, 74.3087

Sweetspot

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



70.6899, 57.1154, 101.9064



87.0094, 85.6278, 106.5497



53.5016, 51.8771, 101.8012



18.3629, 17.8650, 22.7304



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.



70.6899, 57.1154, 101.9064



66.8014, 50.5281, 100.8398



70.4364, 57.4681, 80.0544



18.5326, 18.1663, 22.7796



24.9394, 11.7672, 50.3914



2.4931, 1.1791, 4.9095

Inverse Universe

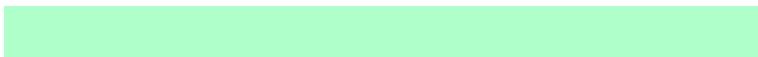
The Inverse Universe completely reimagines the original color for something new.



65.4343, 55.4673, 53.7137



60.8749, 48.7043, 44.9318



64.2203, 84.9465, 69.5136



18.1110, 18.0277, 19.2019



21.7385, 11.1847, 2.0077



2.1461, 1.1008, 0.3511

Previews

White Background



This preview shows how the XYZ color 70.6882, 57.1130, 101.9060 looks on a white background.

Color Contrast Check

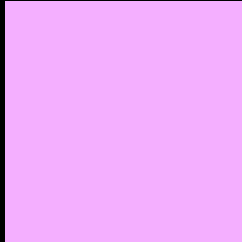
Large Text (above 18pt) WCAG AA × Fail

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 70.6882, 57.1130, 101.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

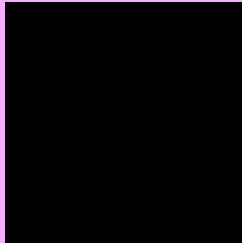
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.6882, 57.1130, 101.9060

Background



This preview shows how black text looks on a background with the XYZ color 70.6882, 57.1130, 101.9060.



This preview shows how white text looks on a background with the XYZ color 70.6882, 57.1130,

101.9060.

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

70.6882, 57.1130, 101.9060

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.6659, 57.2017, 99.2158



Tritanopia

62.5763, 57.1208, 62.3709

Trichromacy



Original Color

70.6882, 57.1130, 101.9060



Protanomaly

61.7012, 56.7370, 102.3071



Deuteranomaly

62.4179, 56.8436, 99.7776



Tritanomaly

65.2428, 56.9739, 75.2685

Monochromacy



Original Color

70.6882, 57.1130, 101.9060



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

61.8245, 58.9714, 77.9361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.6882, 57.1130, 101.9060 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, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 175, 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, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 175, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.6882, 57.1130, 101.9060 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, 175, 255) }
```


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

```
.border{ border-color:rgb(244, 175, 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, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 175,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.6882, 57.1130, 101.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 175, 255) }
```

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

```
.background{ background-color: rgb(244,  
175, 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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