

Converting Colors

XYZ(71.2315, 57.6831,
101.9874)

Have a look what the booklet for
XYZ(71.2315, 57.6831, 101.9874)
contains.

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Color

**XYZ(71.2315, 57.6831,
101.9874)**

Conversions

Conversions Part 1

Format	Color
Hex	F5B0FF
RGB	245, 176, 255
RGB Percent	96%, 69%, 100%
CMY	0.0392, 0.3098, 0.0000
CMYK	0.04, 0.31, 0.00, 0.00
HSL	292°, 100%, 85%
HSV	292°, 31%, 100%
XYZ	71.2315, 57.6831, 101.9874
YIQ	205.6370, 15.7650, 39.1970

Conversions

Conversions Part 2

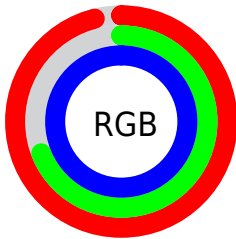
Format	Color
R _Y B	245, 176, 255
Decimal	16101631
CIE Lab	80.56, 37.95, -29.20
CIE LCh	81, 47.882, 322.425
Yxy	57.6831, 0.3085, 0.2498
Android (android.graphics.Color)	4294291711 (0xFFFF5B0FF)
YUV	205.6370, 24.3360, 34.5214
Hunter-Lab	75.9494, 34.5003, -26.4520

Details

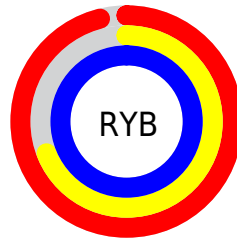
The XYZ color **71.2315, 57.6831, 101.9874** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **63.8475, 85.0943, 54.1367**, and the grayscale version is **58.2782, 61.3132, 66.7701**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **37.8916, 28.6877, 56.9662** is the 20% darker color. If you saturate the color by 10%, you get **65.5777, 48.0316, 100.4225**, and if you desaturate by 10%, it is **77.8474, 69.2276, 103.8670**.

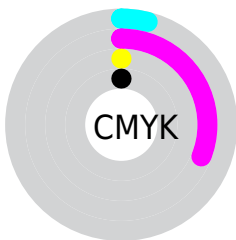
Distribution



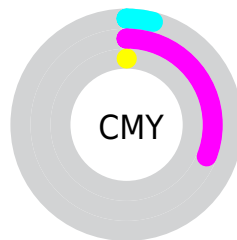
- Red (96%)
- Green (69%)
- Blue (100%)



- 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 71.2315, 57.6831, 101.9874 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 71.2315, 57.6831, 101.9874 by changing the saturation by 10% instead.


 71.2315, 57.6831,
101.9874

 71.2315, 57.6831,
101.9874


454.0615,
416.0041, 587.8468

 52.8144, 41.5539,
77.3352


 119.9800,
101.4612, 165.9613

 37.8815, 28.7522,
57.0148

151.0421,
129.8790, 206.1201

 26.0675, 18.8934,
40.6077


187.0499,
163.1617, 252.2848

 17.0071, 11.5933,
27.6953

228.3687,
201.6939, 304.8741

 10.3349, 6.4674,
17.8591

275.3639,
245.8598, 364.3064

 5.6855, 3.1313,
10.6805

328.4009,

 2.6936, 1.2007,

296.0438, 431.0002

5.7409

387.8450,
352.6305, 505.3742

■ 0.9939, 0.0622,
2.6220

■ 0.0000, 0.0000,
0.9038

■ 71.2315, 57.6831,
101.9874

■ 71.2315, 57.6831,
101.9874

■ 65.5777, 48.0316,
100.4225

■ 77.8474, 69.2276,
103.8670

■ 60.8281, 40.1605,
99.1535

■ 85.4689, 82.7552,
106.0764

■ 56.9264, 33.9563,
98.1616

■ 94.1432, 98.3587,
108.6310

■ 53.8077, 29.2895,
97.4252

■ 95.0500, 100.0000,
108.9000

■ 51.3976, 26.0112,
96.9194

■ 49.6068, 23.9431,
96.6147

■ 48.3969, 22.8644,
96.4702

Harmonies

Analogous

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



62.3655, 57.6831, 127.3979



71.2315, 57.6831, 101.9874



75.8031, 57.6831, 70.2254

Triad

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



71.2315, 57.6831, 101.9874



57.3586, 57.6831, 22.9485



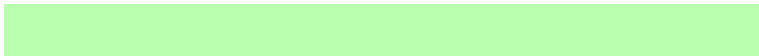
39.1291, 57.6831, 85.8300

Complementary

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



71.2315, 57.6831, 101.9874



63.8475, 85.0943, 54.1367

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.



38.1270, 57.6831, 55.9305



71.2315, 57.6831, 101.9874



47.9201, 57.6831, 24.8514

Square

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



71.2315, 57.6831, 101.9874



67.1931, 57.6831, 28.9041



41.1553, 57.6831, 35.2181



44.0780, 57.6831, 116.2898

Rectangle

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



71.2315, 57.6831, 101.9874



75.4586, 57.6831, 51.8543



41.1553, 57.6831, 35.2181



38.3456, 57.6831, 75.2029

Sweetspot

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



71.2332, 57.6855, 101.9878



87.1001, 85.6746, 106.5539



53.6281, 51.7956, 101.7788



18.3854, 17.8766, 22.7315



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.



71.2332, 57.6855, 101.9878



67.7161, 51.6526, 101.0087



70.4987, 57.8056, 79.4188



18.5531, 18.1769, 22.7806



25.3772, 11.9929, 50.4119



2.5314, 1.1989, 4.9113

Inverse Universe

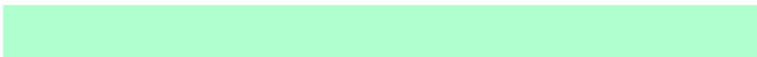
The Inverse Universe completely reimagines the original color for something new.



65.6296, 55.8580, 53.7789



61.4271, 49.6289, 45.6701



64.6815, 85.1570, 70.7665



18.1029, 18.0245, 19.1591



21.7158, 11.1756, 1.8880



2.1423, 1.0993, 0.3310

Previews

White Background



This preview shows how the XYZ color 71.2315, 57.6831, 101.9874 looks on a white background.

Color Contrast Check

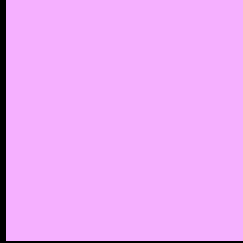
Large Text (above 18pt) WCAG AA × Fail

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 71.2315, 57.6831, 101.9874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

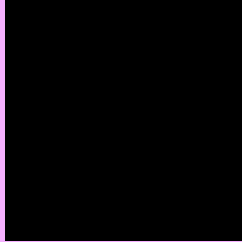
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.2315, 57.6831, 101.9874

Background



This preview shows how black text looks on a background with the XYZ color 71.2315, 57.6831, 101.9874.



This preview shows how white text looks on a background with the XYZ color 71.2315, 57.6831,

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

71.2315, 57.6831, 101.9874

Protanopia

58.2517, 57.9225, 102.7177

Deuteranopia

59.1448, 57.7823, 99.3026



Tritanopia

63.2380, 57.7622, 63.0746

Trichromacy



Original Color

71.2315, 57.6831, 101.9874



Protanomaly

62.1956, 57.3123, 102.3921



Deuteranomaly

62.9197, 57.4205, 99.8625



Tritanomaly

65.9198, 57.6127, 76.0526

Monochromacy



Original Color

71.2315, 57.6831, 101.9874



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

62.4849, 59.6277, 78.7370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2315, 57.6831, 101.9874 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(245, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 176, 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(245, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 176, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.2315, 57.6831, 101.9874 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(245, 176, 255) }
```


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

```
.border{ border-color:rgb(245, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 176,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2315, 57.6831, 101.9874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 176, 255) }
```

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

```
.background{ background-color: rgb(245,  
176, 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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