

Converting Colors

XYZ(72.5446, 57.6137,
101.9048)

Have a look what the booklet for
XYZ(72.5446, 57.6137, 101.9048)
contains.

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Color

**XYZ(72.4179, 57.4311,
101.8762)**

Conversions

Conversions Part 1

Format	Color
Hex	FAADFF
RGB	250, 173, 255
RGB Percent	98%, 68%, 100%
CMY	0.0196, 0.3215, 0.0000
CMYK	0.02, 0.32, 0.00, 0.00
HSL	296°, 100%, 84%
HSV	296°, 32%, 100%
XYZ	72.4179, 57.4311, 101.8762
YIQ	205.3710, 19.5700, 41.8260

Conversions

Conversions Part 2

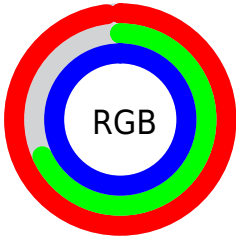
Format	Color
R _Y B	250, 173, 255
Decimal	16428543
CIE Lab	80.42, 41.06, -29.37
CIE LCh	80, 50.486, 324.426
Yxy	57.4311, 0.3125, 0.2478
Android (android.graphics.Color)	4294618623 (0xFFFAADFF)
YUV	205.3710, 24.4671, 39.1396
Hunter-Lab	75.7833, 37.9523, -26.6558

Details

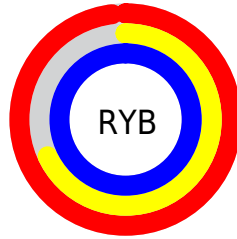
The XYZ color **72.4179, 57.4311, 101.8762** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **61.6643, 84.0027, 52.5020**, and the grayscale version is **58.1063, 61.1324, 66.5731**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **38.5281, 28.4773, 56.8921** is the 20% darker color. If you saturate the color by 10%, you get **67.4327, 48.2833, 100.3733**, and if you desaturate by 10%, it is **78.3442, 68.4523, 103.6912**.

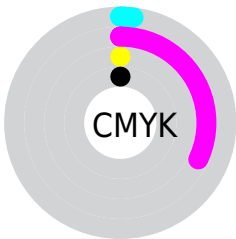
Distribution



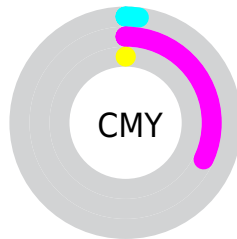
- Red (98%)
- Green (68%)
- Blue (100%)



- Red (98%)
- Yellow (68%)
- Blue (100%)



- Cyan (2%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4179, 57.4311, 101.8762 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 72.4179, 57.4311, 101.8762 by changing the saturation by 10% instead.


 72.4179, 57.4311,
101.8762

 72.4179, 57.4311,
101.8762


458.1299,
415.0627, 587.4893

 53.7868, 41.3515,
77.2428


 121.6581,
101.0939, 165.8074

 38.6612, 28.5938,
56.9394


152.9979,
129.4459, 205.9423

 26.6758, 18.7738,
40.5475


189.3046,
162.6575, 252.0814

 17.4652, 11.5069,
27.6487

230.9437,
201.1130, 304.6433

 10.6641, 6.4089,
17.8243

278.2804,
245.1969, 364.0465

 5.9071, 3.0953,
10.6558

331.6801,

 2.8288, 1.1817,

295.2936, 430.7095

5.7246

391.5081,
351.7874, 505.0510

■ 1.0639, 0.0467,
2.6123

■ 0.0000, 0.0000,
0.8988

■ 72.4179, 57.4311,
101.8762

■ 72.4179, 57.4311,
101.8762

■ 67.4327, 48.2833,
100.3733

■ 78.3442, 68.4523,
103.6912

■ 63.3302, 40.8951,
99.1634

■ 85.2554, 81.4376,
105.8333

■ 60.0535, 35.1517,
98.2275

■ 93.1990, 96.4808,
108.3183

■ 57.5369, 30.9217,
97.5437

95.0500, 100.0000,
108.9000

■ 55.7046, 28.0535,
97.0866

■ 54.4651, 26.3642,
96.8259

■ 53.8007, 25.6501,
96.7231

Harmonies

Analogous

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



63.2327, 57.4311, 130.0698



72.4179, 57.4311, 101.8762



76.8753, 57.4311, 68.2312

Triad

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



72.4179, 57.4311, 101.8762



56.5416, 57.4311, 21.2424



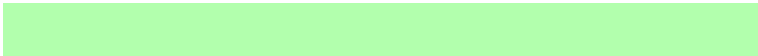
38.4037, 57.4311, 89.1738

Complementary

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



72.4179, 57.4311, 101.8762



61.6643, 84.0027, 52.5020

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.



37.0851, 57.4311, 57.1607



72.4179, 57.4311, 101.8762



46.7668, 57.4311, 23.6816

Square

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



72.4179, 57.4311, 101.8762



66.9963, 57.4311, 26.6978



39.9525, 57.4311, 34.9001



43.8124, 57.4311, 121.2597

Rectangle

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



72.4179, 57.4311, 101.8762



76.2074, 57.4311, 49.3862



39.9525, 57.4311, 34.9001



37.4986, 57.4311, 77.8269

Sweetspot

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



72.4196, 57.4335, 101.8766



86.8783, 84.5021, 106.3393



51.2992, 48.1337, 101.1947



18.3678, 17.6568, 22.6900



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.



72.4196, 57.4335, 101.8766



68.9078, 50.9745, 100.8150



69.0326, 56.2884, 74.5684



18.6769, 18.2407, 22.7864



28.1590, 13.4270, 50.5421



2.7736, 1.3238, 4.9226

Inverse Universe

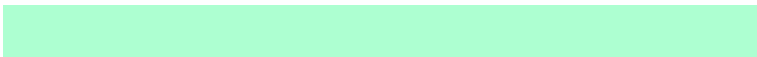
The Inverse Universe completely reimagines the original color for something new.



64.2209, 54.3637, 49.2298



59.5403, 47.4810, 40.0286



64.4461, 84.9854, 73.0283



18.0543, 18.0050, 18.9029



21.6131, 11.1345, 1.3470



2.1194, 1.0901, 0.2103

Previews

White Background



This preview shows how the XYZ color 72.4179, 57.4311, 101.8762 looks on a white background.

Color Contrast Check

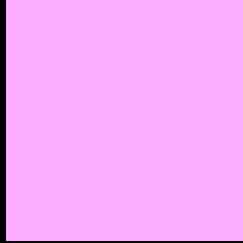
Large Text (above 18pt) WCAG AA × Fail

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 72.4179, 57.4311, 101.8762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

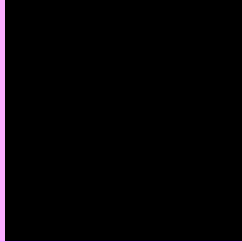
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4179, 57.4311, 101.8762

Background



This preview shows how black text looks on a background with the XYZ color 72.4179, 57.4311, 101.8762.



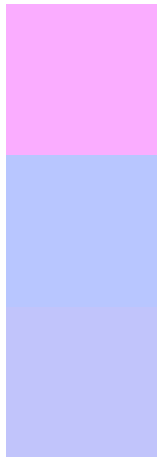
This preview shows how white text looks on a background with the XYZ color 72.4179, 57.4311,

101.8762.

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

72.4179, 57.4311, 101.8762

Protanopia

58.0112, 57.7985, 102.7064

Deuteranopia

59.1448, 57.7823, 99.3026



Tritanopia

63.9515, 57.2354, 61.1030

Trichromacy



Original Color

72.4179, 57.4311, 101.8762



Protanomaly

62.2600, 57.0251, 102.3332



Deuteranomaly

63.2855, 57.2909, 99.8182



Tritanomaly

66.7636, 57.1695, 74.5338

Monochromacy



Original Color

72.4179, 57.4311, 101.8762



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

62.2080, 58.8398, 77.8905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4179, 57.4311, 101.8762 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(250, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 173, 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(250, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 173, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.4179, 57.4311, 101.8762 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(250, 173, 255) }
```


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

```
.border{ border-color:rgb(250, 173, 255) }
```

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

Here you see how a box with a 4 pixel rgb(250, 173, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 173,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4179, 57.4311, 101.8762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 173, 255) }
```

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

```
.background{ background-color: rgb(250,  
173, 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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