

Converting Colors

XYZ(81.2192, 72.9794,
102.3135)

Have a look what the booklet for
XYZ(81.2192, 72.9794, 102.3135)
contains.

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Color

**XYZ(81.1235, 72.9139,
101.8936)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFFC
RGB	255, 207, 252
RGB Percent	100%, 81%, 99%
CMY	0.0000, 0.1882, 0.0118
CMYK	0.00, 0.19, 0.01, 0.00
HSL	304°, 100%, 91%
HSV	304°, 19%, 100%
XYZ	81.1235, 72.9139, 101.8936
YIQ	226.4820, 14.1630, 24.1710

Conversions

Conversions Part 2

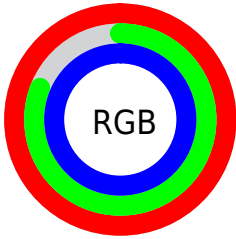
Format	Color
R_{YB}	255, 207, 252
Decimal	16764924
CIE _{Lab}	88.41, 24.26, -15.61
CIE _{LCh}	88, 28.847, 327.230
Yxy	72.9139, 0.3170, 0.2849
Android (android.graphics.Color)	4294955004 (0xFFFFCFFC)
YUV	226.4820, 12.5804, 25.0103
Hunter-Lab	85.3896, 20.1501, -10.9767

Details

The XYZ color **81.1235, 72.9139, 101.8936** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.1271, 89.4396, 74.3850**, and the grayscale version is **72.5436, 76.3216, 83.1142**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3673, 38.4024, 56.7037** is the 20% darker color. If you saturate the color by 10%, you get **75.1863, 61.4416, 98.6750**, and if you desaturate by 10%, it is **88.0637, 86.3882, 105.4590**.

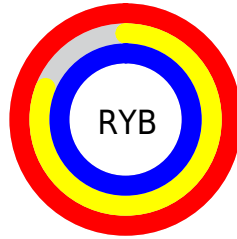
Distribution



Red (100%)

Green (81%)

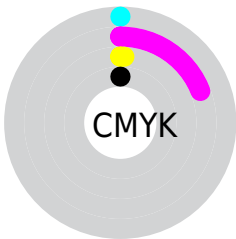
Blue (99%)



Red (100%)

Yellow (81%)

Blue (99%)

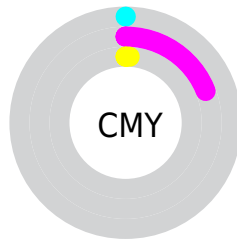


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1235, 72.9139, 101.8936 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 81.1235, 72.9139, 101.8936 by changing the saturation by 10% instead.

81.1235, 72.9139,
101.8936

81.1235, 72.9139,
101.8936

487.3901,
470.7163, 587.5453

60.9550, 53.9056,
77.2572

133.8864,
123.3550, 165.8315

44.4412, 38.5262,
56.9512

167.2115,
155.5565, 205.9701

31.2169, 26.3913,
40.5570

205.6528,
192.9245, 252.1133

20.9167, 17.1166,
27.6560

249.5757,
235.8435, 304.6794

13.1753, 10.3177,
17.8297

299.3455,
284.6978, 364.0872

7.6272, 5.6101,
10.6596

355.3276,

3.9071, 2.6095,

339.8717, 430.7550

5.7272

417.8874,
401.7498, 505.1015

■ 1.6497, 0.9314,
2.6138

■ 0.4245, 0.0000,
0.8996

■ 81.1235, 72.9139,
101.8936

■ 81.1235, 72.9139,
101.8936

■ 75.1863, 61.4416,
98.6750

■ 88.0637, 86.3882,
105.4590

■ 70.1994, 51.8669,
95.7826

95.0500, 100.0000,
108.9000

■ 66.1128, 44.0892,
93.2006

■ 62.8697, 37.9953,
90.9102

■ 60.4071, 33.4590,
88.8903

■ 58.6529, 30.3363,
87.1169

■ 57.5219, 28.4565,
85.5615

■ 56.8904, 27.5723,
84.1828

■ 56.8300, 27.4960,
84.0257

Harmonies

Analogous

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



75.5811, 72.9139, 118.3945



81.1235, 72.9139, 101.8936



83.4845, 72.9139, 81.2496

Triad

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



81.1235, 72.9139, 101.8936



69.9485, 72.9139, 47.0441



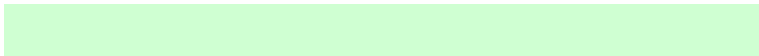
58.1149, 72.9139, 98.1671

Complementary

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



81.1235, 72.9139, 101.8936



73.1271, 89.4396, 74.3850

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.



56.8250, 72.9139, 77.5607



81.1235, 72.9139, 101.8936



63.3815, 72.9139, 50.0591

Square

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



81.1235, 72.9139, 101.8936



76.7692, 72.9139, 51.4276



58.6895, 72.9139, 60.4720



62.3363, 72.9139, 116.0033

Rectangle

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



81.1235, 72.9139, 101.8936



82.8268, 72.9139, 68.6132



58.6895, 72.9139, 60.4720



57.3368, 72.9139, 91.2418

Sweetspot

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



81.1251, 72.9168, 101.8951



90.2083, 90.5623, 106.5287



66.7736, 65.4629, 103.7240



19.2004, 19.1740, 22.7480



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.



81.1251, 72.9168, 101.8951



78.5245, 67.8842, 100.5086



77.6417, 71.5234, 83.5518



18.7408, 18.2796, 22.5180



29.7159, 14.3757, 44.0160



2.9076, 1.4054, 4.3608

Inverse Universe

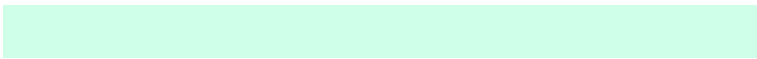
The Inverse Universe completely reimagines the original color for something new.



81.1251, 72.9168, 101.8951



78.5245, 67.8842, 100.5086



76.2593, 90.6925, 90.8788



18.7408, 18.2796, 22.5180



29.7159, 14.3757, 44.0160



2.9076, 1.4054, 4.3608

Previews

White Background



This preview shows how the XYZ color 81.1235, 72.9139, 101.8936 looks on a white background.

Color Contrast Check

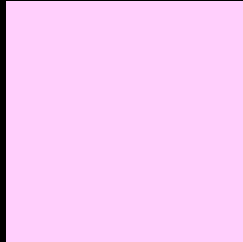
Large Text (above 18pt) WCAG AA × Fail

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 81.1235, 72.9139, 101.8936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

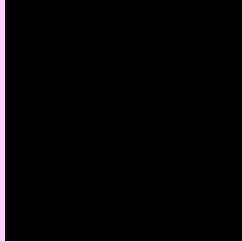
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1235, 72.9139, 101.8936

Background



This preview shows how black text looks on a background with the XYZ color 81.1235, 72.9139, 101.8936.



This preview shows how white text looks on a background with the XYZ color 81.1235, 72.9139,

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

81.1235, 72.9139, 101.8936

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

74.7662, 73.0028, 100.5928



Tritanopia

77.4427, 72.8854, 83.3854

Trichromacy



Original Color

81.1235, 72.9139, 101.8936

Protanomaly

75.0784, 73.0905, 103.9167

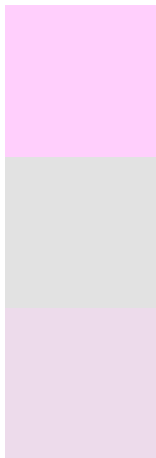
Deuteranomaly

77.1420, 73.0788, 101.3066

Tritanomaly

78.8407, 73.0903, 90.0732

Monochromacy



Original Color

81.1235, 72.9139, 101.8936

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

75.2520, 74.6657, 89.0430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1235, 72.9139, 101.8936 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(255, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 252)  
}
```

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(255, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 252) }
```

Border

The CSS property to change the border of an element to XYZ 81.1235, 72.9139, 101.8936 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(255, 207, 252) }
```


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

```
.border{ border-color:rgb(255, 207, 252) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1235, 72.9139, 101.8936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 252) }
```

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

```
.background{ background-color: rgb(255,  
207, 252) }
```

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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