

Converting Colors

XYZ(79.8433, 70.2880,
101.6686)

Have a look what the booklet for
XYZ(79.8433, 70.2880, 101.6686)
contains.

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Color

**XYZ(79.6973, 70.0616,
101.4182)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9FC
RGB	255, 201, 252
RGB Percent	100%, 79%, 99%
CMY	0.0000, 0.2117, 0.0118
CMYK	0.00, 0.21, 0.01, 0.00
HSL	303°, 100%, 89%
HSV	303°, 21%, 100%
XYZ	79.6973, 70.0616, 101.4182
YIQ	222.9600, 15.8130, 27.3090

Conversions

Conversions Part 2

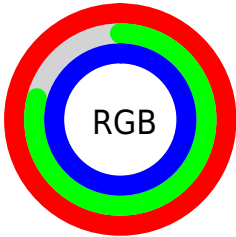
Format	Color
R_{YB}	255, 201, 252
Decimal	16763388
CIE _{Lab}	87.03, 27.41, -17.69
CIE _{LCh}	87, 32.619, 327.163
Yxy	70.0616, 0.3173, 0.2789
Android (android.graphics.Color)	4294953468 (0xFFFFC9FC)
YUV	222.9600, 14.3167, 28.0991
Hunter-Lab	83.7028, 23.4782, -13.2465

Details

The XYZ color **79.6973, 70.0616, 101.4182** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.7486, 88.2982, 70.4441**, and the grayscale version is **70.0061, 73.6519, 80.2069**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5727, 36.8133, 56.4389** is the 20% darker color. If you saturate the color by 10%, you get **74.0158, 59.0561, 98.4221**, and if you desaturate by 10%, it is **86.3704, 83.0468, 104.7550**.

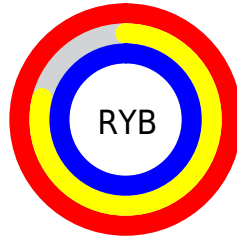
Distribution



Red (100%)

Green (79%)

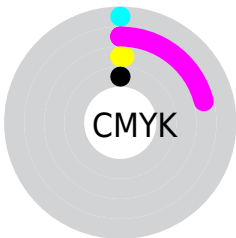
Blue (99%)



Red (100%)

Yellow (79%)

Blue (99%)

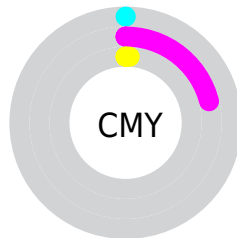


Cyan (0%)

Magenta (21%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.6973, 70.0616, 101.4182 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 79.6973, 70.0616, 101.4182 by changing the saturation by 10% instead.

79.6973, 70.0616,
101.4182

79.6973, 70.0616,
101.4182

482.6642,
460.7663, 586.0155

59.7769, 51.5768,
76.8620

131.8928,
119.2966, 165.1736

43.4876, 36.6678,
56.6287

164.8987,
150.8155, 205.2099

30.4641, 24.9504,
40.2999

202.9970,
187.4480, 251.2432

20.3409, 16.0401,
27.4569

246.5533,
229.5783, 303.6922

12.7528, 9.5525,
17.6812

295.9328,
277.5909, 362.9754

7.3344, 5.1033,
10.5543

351.5009,

3.7203, 2.3080,

331.8701, 429.5114

5.6576

413.6229,
392.8005, 503.7185

■ 1.5451, 0.7779,
2.5726

■ 0.3562, 0.0000,
0.8783

■ 79.6973, 70.0616,
101.4182

■ 79.6973, 70.0616,
101.4182

■ 74.0158, 59.0561,
98.4221

■ 86.3704, 83.0468,
104.7550

■ 69.2725, 49.9247,
95.7460

■ 94.0755, 98.0938,
108.4431

■ 65.4161, 42.5644,
93.3737

95.0500, 100.0000,
108.9000

■ 62.3886, 36.8593,
91.2859

■ 60.1251, 32.6795,
89.4610

■ 58.5511, 29.8759,
87.8741

■ 57.5768, 28.2694,
86.4953

■ 57.0929, 27.6012,
85.4104

Harmonies

Analogous

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



73.5175, 70.0616, 120.1172



79.6973, 70.0616, 101.4182



82.3490, 70.0616, 78.3845

Triad

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



79.6973, 70.0616, 101.4182



67.3205, 70.0616, 41.5391



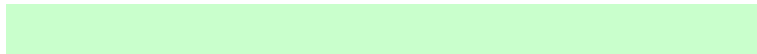
54.3704, 70.0616, 97.1237

Complementary

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



79.6973, 70.0616, 101.4182



70.7486, 88.2982, 70.4441

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.



52.9843, 70.0616, 74.2237



79.6973, 70.0616, 101.4182



60.1146, 70.0616, 44.6708

Square

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



79.6973, 70.0616, 101.4182



74.8697, 70.0616, 46.1428



55.0074, 70.0616, 55.6905



58.9471, 70.0616, 117.3235

Rectangle

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



79.6973, 70.0616, 101.4182



81.6191, 70.0616, 64.5440



55.0074, 70.0616, 55.6905



53.5318, 70.0616, 89.3702

Sweetspot

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



79.6989, 70.0644, 101.4197



90.2253, 90.5691, 106.6183



63.7592, 61.7918, 103.1743



19.2045, 19.1756, 22.7692



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.



79.6989, 70.0644, 101.4197



77.4105, 65.6248, 100.2338



75.7600, 68.4889, 80.6779



18.7465, 18.2819, 22.5483



29.8512, 14.4298, 44.7282



2.9193, 1.4101, 4.4224

Inverse Universe

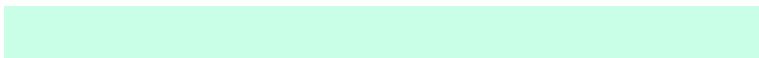
The Inverse Universe completely reimagines the original color for something new.



79.6989, 70.0644, 101.4197



77.4105, 65.6248, 100.2338



74.2308, 89.6911, 88.7810



18.7465, 18.2819, 22.5483



29.8512, 14.4298, 44.7282



2.9193, 1.4101, 4.4224

Previews

White Background



This preview shows how the XYZ color 79.6973, 70.0616, 101.4182 looks on a white background.

Color Contrast Check

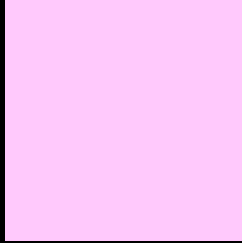
Large Text (above 18pt) WCAG AA × Fail

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 79.6973, 70.0616, 101.4182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

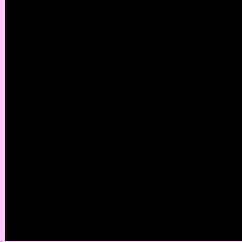
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.6973, 70.0616, 101.4182

Background



This preview shows how black text looks on a background with the XYZ color 79.6973, 70.0616, 101.4182.



This preview shows how white text looks on a background with the XYZ color 79.6973, 70.0616,

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

79.6973, 70.0616, 101.4182

Protanopia

69.4412, 70.5473, 104.5648

Deuteranopia

72.1009, 70.4982, 100.2499



Tritanopia

75.0398, 69.9258, 78.6492

Trichromacy



Original Color

79.6973, 70.0616, 101.4182



Protanomaly

72.5477, 69.9130, 103.4368



Deuteranomaly

74.8051, 70.3988, 100.9125



Tritanomaly

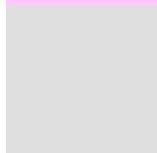
76.4457, 69.7644, 86.5275

Monochromacy



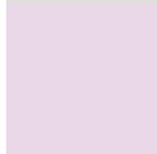
Original Color

79.6973, 70.0616, 101.4182



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.4127, 72.2036, 87.9093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6973, 70.0616, 101.4182 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, 201, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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, 201, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 252) }
```

Border

The CSS property to change the border of an element to XYZ 79.6973, 70.0616, 101.4182 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, 201, 252) }
```


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

```
.border{ border-color:rgb(255, 201, 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, 201, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6973, 70.0616, 101.4182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 252) }
```

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

```
.background{ background-color: rgb(255,  
201, 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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