

# Converting Colors

XYZ(79.2771, 71.9847,  
101.7617)

Have a look what the booklet for  
XYZ(79.2771, 71.9847, 101.7617)  
contains.

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# **Color**

**XYZ(79.3079, 71.9779,  
101.8086)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FACFFC
RGB	250, 207, 252
RGB Percent	98%, 81%, 99%
CMY	0.0196, 0.1882, 0.0118
CMYK	0.01, 0.18, 0.00, 0.01
HSL	297°, 88%, 90%
HSV	297°, 18%, 99%
XYZ	79.3079, 71.9779, 101.8086
YIQ	224.9870, 11.1830, 23.1110

# Conversions

## Conversions Part 2

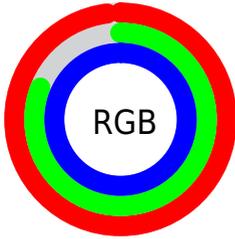
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 207, 252
Decimal	16437244
CIE Lab	87.96, 22.63, -16.33
CIE LCh	88, 27.905, 324.174
Yxy	71.9779, 0.3134, 0.2844
Android (android.graphics.Color)	4294627324 (0xFFFA <sup>C</sup> FFC)
YUV	224.9870, 13.3174, 21.9364
Hunter-Lab	84.8398, 18.3915, -11.7607

# Details

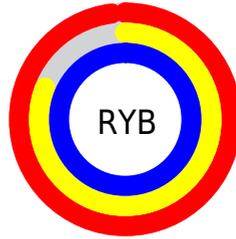
The XYZ color **79.3079, 71.9779, 101.8086** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.3698, 87.6829, 72.1452**, and the grayscale version is **71.4623, 75.1839, 81.8752**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0709, 37.7341, 56.6431** is the 20% darker color. If you saturate the color by 10%, you get **73.2839, 60.5227, 99.9161**, and if you desaturate by 10%, it is **86.3129, 85.3893, 104.0291**.

# Distribution



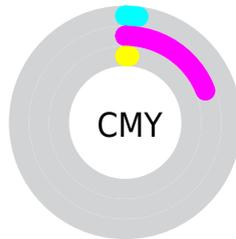
- Red (98%)
- Green (81%)
- Blue (99%)



- Red (98%)
- Yellow (81%)
- Blue (99%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (2%)
- Magenta (19%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3079, 71.9779, 101.8086 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 79.3079, 71.9779, 101.8086 by changing the saturation by 10% instead.



79.3079, 71.9779,  
101.8086

79.3079, 71.9779,  
101.8086

481.3695,  
467.4647, 587.2719

59.4555, 53.1406,  
77.1866

131.3479,  
122.0251, 165.7139

43.2277, 37.9150,  
56.8935

164.2662,  
154.0038, 205.8342

30.2591, 25.9168,  
40.5110

202.2705,  
191.1318, 251.9578

20.1844, 16.7614,  
27.6204

245.7261,  
233.7935, 304.5030

12.6382, 10.0645,  
17.8031

294.9985,  
282.3732, 363.8885

7.2551, 5.4417,  
10.6408

350.4529,

3.6699, 2.5087,

337.2554, 430.5328

5.7147

412.4548,  
398.8244, 504.8544

■ 1.5171, 0.8810,  
2.6064

■ 0.3375, 0.0000,  
0.8958

■ 79.3079, 71.9779,  
101.8086

■ 79.3079, 71.9779,  
101.8086

■ 73.2839, 60.5227,  
99.9161

■ 86.3129, 85.3893,  
104.0291

■ 68.1884, 50.9220,  
98.3315

■ 93.5633, 99.2889,  
106.3299

■ 63.9736, 43.0792,  
97.0399

■ 93.9705, 99.4989,  
106.3489

■ 60.5849, 36.8854,  
96.0229

■ 94.3802, 99.7100,  
106.3681

■ 57.9619, 32.2192, 94.5709, 99.8084,  
95.2605 106.3770

■ 56.0356, 28.9429,  
94.7297

■ 54.7247, 26.8940,  
94.4033

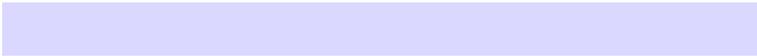
■ 53.9201, 25.8542,  
94.2450

■ 53.7795, 25.6946,  
94.2216

# Harmonies

## Analogous

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



73.7815, 71.9779, 116.7335



79.3079, 71.9779, 101.8086



81.9320, 71.9779, 82.1460

# Triad

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



79.3079, 71.9779, 101.8086



69.7183, 71.9779, 47.3054



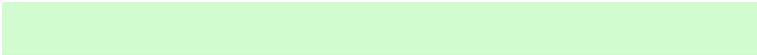
57.4025, 71.9779, 94.3378

# Complementary

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



79.3079, 71.9779, 101.8086



72.3698, 87.6829, 72.1452

# Split Complementary

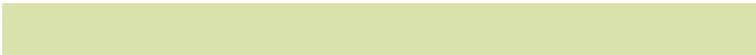
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4692, 71.9779, 74.7148



79.3079, 71.9779, 101.8086



63.3111, 71.9779, 49.4960

# Square

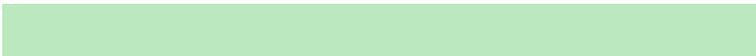
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.3079, 71.9779, 101.8086



76.1699, 71.9779, 52.2816



58.5643, 71.9779, 58.8396



61.2012, 71.9779, 111.9546



# Rectangle

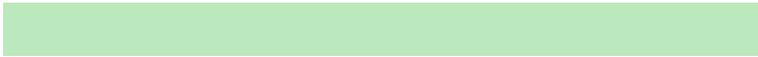
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.3079, 71.9779, 101.8086



81.5681, 71.9779, 69.7456



58.5643, 71.9779, 58.8396



56.7540, 71.9779, 87.6812

# Sweetspot

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



79.3101, 71.9810, 101.8102



90.9085, 92.0259, 107.5791



66.1677, 66.0209, 101.3524



19.3381, 19.4666, 22.9881



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.



79.3101, 71.9810, 101.8102



79.4117, 70.0149, 103.9365



76.9899, 71.1362, 85.8331



17.9123, 17.4830, 21.8158



28.0486, 13.4023, 49.0821



2.6207, 1.2531, 4.5469



# Inverse Universe

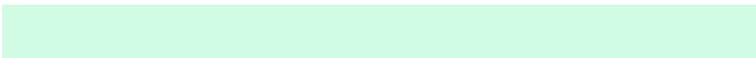
The Inverse Universe completely reimagines the original color for something new.



73.9687, 69.9277, 69.9236



73.1103, 67.5949, 66.2134



74.4446, 88.4479, 86.0052



17.2759, 17.2377, 18.0425



20.9579, 10.7989, 1.2206

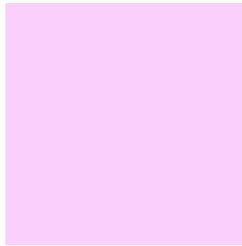


1.9517, 1.0044, 0.1691



# Previews

## White Background



This preview shows how the XYZ color 79.3079, 71.9779, 101.8086 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

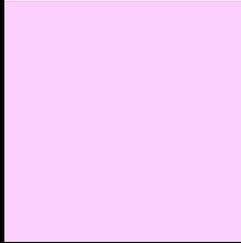
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.3079, 71.9779, 101.8086 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

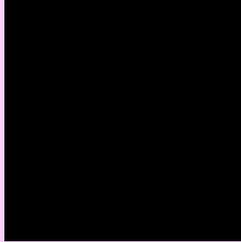
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 79.3079, 71.9779, 101.8086

## Background



This preview shows how black text looks on a background with the XYZ color 79.3079, 71.9779, 101.8086.



This preview shows how white text looks on a background with the XYZ color 79.3079, 71.9779,

101.8086.

# 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

79.3079, 71.9779, 101.8086

### Protanopia

71.1131, 72.1792, 104.7917

### Deuteranopia

73.5507, 71.9970, 100.4628



## Tritanopia

75.6556, 71.9641, 83.3018

# Trichromacy



## Original Color

79.3079, 71.9779, 101.8086

## Protanomaly

73.8684, 72.0875, 103.7869

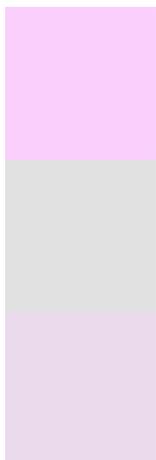
## Deuteranomaly

75.5481, 71.8849, 101.1601

## Tritanomaly

77.0441, 72.1641, 89.9892

# Monochromacy



## Original Color

79.3079, 71.9779, 101.8086

## Achromatopsia

71.5672, 75.2942, 81.9954

## Achromatomaly

73.9985, 73.6334, 88.9098

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.3079, 71.9779, 101.8086 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, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 252) }
```

## Border

The CSS property to change the border of an element to XYZ 79.3079, 71.9779, 101.8086 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, 207, 252) }
```



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

```
.border{ border-color:rgb(250, 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(250, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
252) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.3079, 71.9779, 101.8086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 252) }
```

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

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