

Converting Colors

XYZ(79.6000, 72.7198,
100.6477)

Have a look what the booklet for
XYZ(79.6000, 72.7198, 100.6477)
contains.

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Color

**XYZ(79.4801, 72.8270,
100.3105)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD1FA
RGB	250, 209, 250
RGB Percent	98%, 82%, 98%
CMY	0.0196, 0.1804, 0.0196
CMYK	0.00, 0.16, 0.00, 0.02
HSL	300°, 80%, 90%
HSV	300°, 16%, 98%
XYZ	79.4801, 72.8270, 100.3105
YIQ	225.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

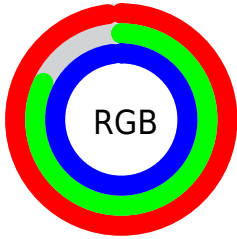
Format	Color
R _{YB}	250, 209, 250
Decimal	16437754
CIE _{Lab}	88.37, 21.21, -14.67
CIE _{LCh}	88, 25.788, 325.336
Yxy	72.8270, 0.3146, 0.2883
Android (android.graphics.Color)	4294627834 (0xFFFAD1FA)
YUV	225.9330, 11.8650, 21.1068
Hunter-Lab	85.3387, 16.9029, -9.9547

Details

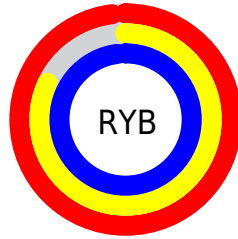
The XYZ color **79.4801, 72.8270, 100.3105** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.9915, 86.5321, 73.2334**, and the grayscale version is **72.1534, 75.9110, 82.6671**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1736, 38.2989, 55.5690** is the 20% darker color. If you saturate the color by 10%, you get **73.8220, 61.5097, 98.4252**, and if you desaturate by 10%, it is **86.1049, 86.0754, 102.5197**.

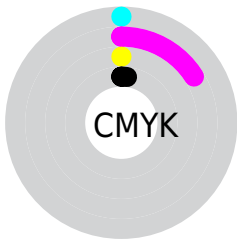
Distribution



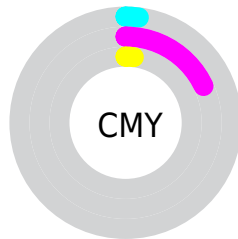
- Red (98%)
- Green (82%)
- Blue (98%)



- Red (98%)
- Yellow (82%)
- Blue (98%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4801, 72.8270, 100.3105 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 79.4801, 72.8270, 100.3105 by changing the saturation by 10% instead.

79.4801, 72.8270,
100.3105

79.4801, 72.8270,
100.3105

481.9423,
470.4150, 582.4429

59.5976, 53.8345,
75.9415

131.5889,
123.2316, 163.6394

43.3426, 38.4694,
55.8782

164.5459,
155.4125, 203.4364

30.3497, 26.3472,
39.7019

202.5918,
192.7583, 249.2133

20.2536, 17.0836,
26.9942

246.0920,
235.6534, 301.3884

12.6888, 10.2941,
17.3365

295.4118,
284.4823, 360.3804

7.2901, 5.5944,
10.3102

350.9165,

3.6921, 2.6000,

339.6292, 426.6078

5.4968

412.9716,
401.4787, 500.4891

■ 1.5295, 0.9267,
2.4778

■ 0.3458, 0.0000,
0.8284

■ 79.4801, 72.8270,
100.3105

■ 79.4801, 72.8270,
100.3105

■ 73.8220, 61.5097,
98.4252

■ 86.1049, 86.0754,
102.5197

■ 69.0794, 52.0246,
96.8442

■ 92.4405, 98.7465,
104.6317

■ 65.2062, 44.2781,
95.5530

■ 92.4405, 98.7465,
104.6318

■ 62.1495, 38.1648,
94.5341

■ 92.4405, 98.7465,
104.6319

59.8510, 33.5678,
93.7678

92.4406, 98.7465,
104.6320

58.2445, 30.3549,
93.2322

92.4406, 98.7466,
104.6322

57.2525, 28.3708,
92.9014

92.4406, 98.7466,
104.6323

56.7780, 27.4219,
92.7431

92.4406, 98.7466,
104.6324

56.6803, 27.2264,
92.7105

92.4407, 98.7466,
104.6325

Harmonies

Analogous

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



74.4400, 72.8270, 114.2735



79.4801, 72.8270, 100.3105



81.7756, 72.8270, 82.1008

Triad

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



79.4801, 72.8270, 100.3105



70.1923, 72.8270, 49.9388



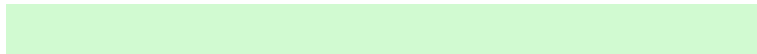
59.0085, 72.8270, 94.7986

Complementary

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



79.4801, 72.8270, 100.3105



71.9915, 86.5321, 73.2334

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.



58.0200, 72.8270, 76.5563



79.4801, 72.8270, 100.3105



64.2497, 72.8270, 52.3015

Square

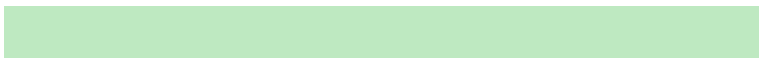
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



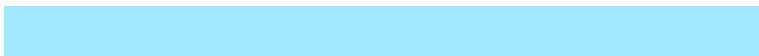
79.4801, 72.8270, 100.3105



76.2137, 72.8270, 54.4302



59.8830, 72.8270, 61.4431



62.6675, 72.8270, 110.7731

Rectangle

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



79.4801, 72.8270, 100.3105



81.3466, 72.8270, 70.6167



59.8830, 72.8270, 61.4431



58.3625, 72.8270, 88.6593

Sweetspot

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



79.4823, 72.8302, 100.3121



91.1166, 92.1332, 107.5888



66.3535, 66.0620, 99.6978



19.3889, 19.4928, 22.9905



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.



79.4823, 72.8302, 100.3121



80.8828, 71.6657, 104.1774



76.4400, 71.6133, 84.2918



17.9931, 17.5246, 21.8195



30.0646, 14.4415, 49.1759



2.7845, 1.3375, 4.5545

Inverse Universe

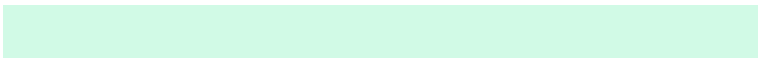
The Inverse Universe completely reimagines the original color for something new.



79.4823, 72.8302, 100.3121



80.8828, 71.6657, 104.1774



74.6955, 87.6137, 87.4722



17.9931, 17.5246, 21.8195



30.0646, 14.4415, 49.1759



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 79.4801, 72.8270, 100.3105 looks on a white background.

Color Contrast Check

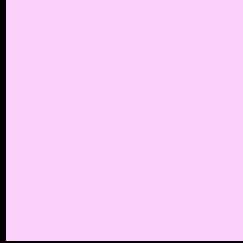
Large Text (above 18pt) WCAG AA × Fail

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 79.4801, 72.8270, 100.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

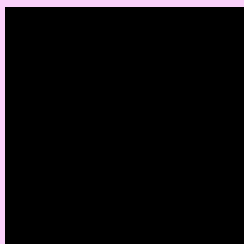
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4801, 72.8270, 100.3105

Background



This preview shows how black text looks on a background with the XYZ color 79.4801, 72.8270, 100.3105.



This preview shows how white text looks on a background with the XYZ color 79.4801, 72.8270,

100.3105.

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

79.4801, 72.8270, 100.3105

Protanopia

71.9621, 73.0053, 104.9064

Deuteranopia

74.6097, 72.9402, 99.7690



Tritanopia

76.2949, 73.0198, 84.2018

Trichromacy



Original Color

79.4801, 72.8270, 100.3105



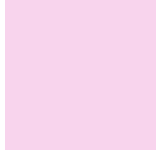
Protanomaly

74.2804, 72.6976, 103.0455



Deuteranomaly

76.1530, 72.6052, 99.6230



Tritanomaly

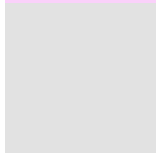
77.5409, 73.1579, 90.1548

Monochromacy



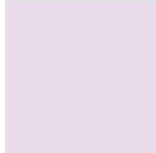
Original Color

79.4801, 72.8270, 100.3105



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

74.8495, 74.8467, 89.0991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4801, 72.8270, 100.3105 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, 209, 250)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 250)  
}
```

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, 209, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.4801, 72.8270, 100.3105 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, 209, 250) }
```


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

```
.border{ border-color:rgb(250, 209, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 250);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4801, 72.8270, 100.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 250) }
```

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

```
.background{ background-color: rgb(250,  
209, 250) }
```

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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