

Converting Colors

XYZ(79.8666, 72.4870,
101.3931)

Have a look what the booklet for
XYZ(79.8666, 72.4870, 101.3931)
contains.

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Color

**XYZ(79.7521, 72.5860,
101.0739)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0FB
RGB	251, 208, 251
RGB Percent	98%, 82%, 98%
CMY	0.0157, 0.1843, 0.0157
CMYK	0.00, 0.17, 0.00, 0.02
HSL	300°, 84%, 90%
HSV	300°, 17%, 98%
XYZ	79.7521, 72.5860, 101.0739
YIQ	225.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

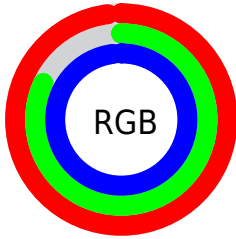
Format	Color
R_{YB}	251, 208, 251
Decimal	16503035
CIE _{Lab}	88.25, 22.24, -15.36
CIE _{LCh}	88, 27.031, 325.377
Yxy	72.5860, 0.3147, 0.2864
Android (android.graphics.Color)	4294693115 (0xFFFBD0FB)
YUV	225.7590, 12.4438, 22.1364
Hunter-Lab	85.1974, 17.9958, -10.7005

Details

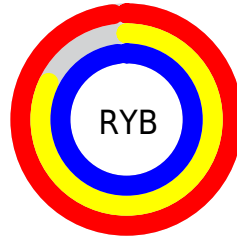
The XYZ color **79.7521, 72.5860, 101.0739** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8976, 86.9604, 72.6740**, and the grayscale version is **72.0236, 75.7744, 82.5183**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3770, 38.1468, 56.1158** is the 20% darker color. If you saturate the color by 10%, you get **74.1110, 61.3026, 99.1942**, and if you desaturate by 10%, it is **86.3659, 85.8124, 103.2795**.

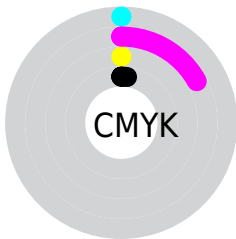
Distribution



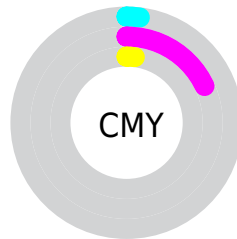
- Red (98%)
- Green (82%)
- Blue (98%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7521, 72.5860, 101.0739 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 79.7521, 72.5860, 101.0739 by changing the saturation by 10% instead.

79.7521, 72.5860,
101.0739

79.7521, 72.5860,
101.0739

482.8463,
469.5787, 584.9063

59.8221, 53.6375,
76.5758

131.9695,
122.8893, 164.6969

43.5242, 38.3119,
56.3953

164.9876,
155.0129, 204.6589

30.4929, 26.2249,
40.1138

203.0992,
192.2970, 250.6127

20.3630, 16.9920,
27.3129

246.6696,
235.1260, 302.9767

12.7690, 10.2288,
17.5738

296.0642,
283.8843, 362.1695

7.3455, 5.5509,
10.4782

351.6482,

3.7274, 2.5740,

338.9562, 428.6097

5.6074

413.7871,
400.7262, 502.7158

■ 1.5491, 0.9136,
2.5430

■ 0.3589, 0.0000,
0.8628

■ 79.7521, 72.5860,
101.0739

■ 79.7521, 72.5860,
101.0739

■ 74.1110, 61.3026,
99.1942

■ 86.3659, 85.8124,
103.2795

■ 69.3907, 51.8620,
97.6207

■ 92.9571, 98.9947,
105.4767

■ 65.5442, 44.1691,
96.3384

■ 92.9571, 98.9947,
105.4768

■ 62.5179, 38.1166,
95.3295

■ 92.9571, 98.9947,
105.4769

60.2524, 33.5856,
94.5742

92.9572, 98.9947,
105.4771

58.6801, 30.4410,
94.0500

92.9572, 98.9947,
105.4772

57.7216, 28.5241,
93.7303

92.9572, 98.9947,
105.4773

57.2750, 27.6310,
93.5813

92.9572, 98.9947,
105.4775

57.1968, 27.4746,
93.5552

92.9573, 98.9947,
105.4776

Harmonies

Analogous

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



74.4656, 72.5860, 115.8265



79.7521, 72.5860, 101.0739



82.1599, 72.5860, 81.9427

Triad

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



79.7521, 72.5860, 101.0739



69.9992, 72.5860, 48.5537



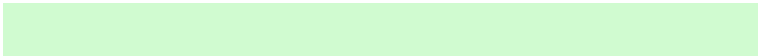
58.3419, 72.5860, 95.3219

Complementary

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



79.7521, 72.5860, 101.0739



71.8976, 86.9604, 72.6740

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.



57.3100, 72.5860, 76.1946



79.7521, 72.5860, 101.0739



63.7912, 72.5860, 50.9962

Square

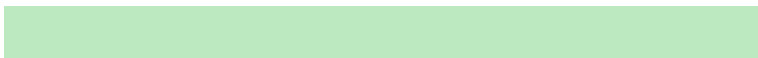
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



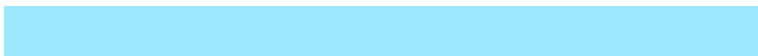
79.7521, 72.5860, 101.0739



76.3094, 72.5860, 53.1724



59.2439, 72.5860, 60.4560



62.1558, 72.5860, 112.1580

Rectangle

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



79.7521, 72.5860, 101.0739



81.7055, 72.5860, 69.9505



59.2439, 72.5860, 60.4560



57.6688, 72.5860, 88.8713

Sweetspot

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



79.7543, 72.5892, 101.0755



91.1166, 92.1332, 107.5888



65.9841, 65.4904, 100.4313



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.



79.7543, 72.5892, 101.0755



80.2816, 70.4634, 103.9769



76.5548, 71.3094, 84.2272



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1758



2.7845, 1.3375, 4.5545

Inverse Universe

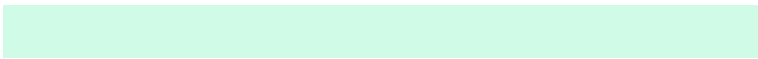
The Inverse Universe completely reimagines the original color for something new.



79.7543, 72.5892, 101.0755



80.2816, 70.4634, 103.9769



74.7250, 88.0914, 87.5629



17.9931, 17.5246, 21.8195



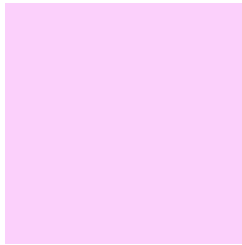
30.0645, 14.4415, 49.1758



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 79.7521, 72.5860, 101.0739 looks on a white background.

Color Contrast Check

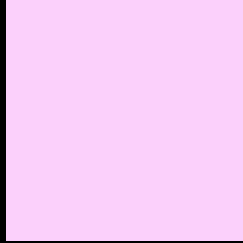
Large Text (above 18pt) WCAG AA × Fail

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 79.7521, 72.5860, 101.0739 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 79.7521, 72.5860, 101.0739

Background



This preview shows how black text looks on a background with the XYZ color 79.7521, 72.5860, 101.0739.



This preview shows how white text looks on a background with the XYZ color 79.7521, 72.5860,

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

79.7521, 72.5860, 101.0739

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.2879, 72.7743, 99.7540



Tritanopia

76.2585, 72.6449, 83.4014

Trichromacy



Original Color

79.7521, 72.5860, 101.0739

Protanomaly

74.4402, 72.7615, 103.8869

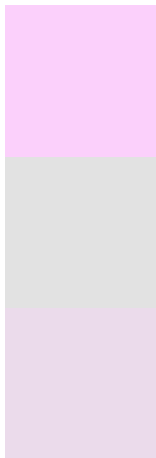
Deuteranomaly

76.3095, 72.6678, 100.4468

Tritanomaly

77.5015, 72.7844, 89.3209

Monochromacy



Original Color

79.7521, 72.5860, 101.0739

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.5879, 74.3234, 89.0119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7521, 72.5860, 101.0739 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(251, 208, 251)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 251)  
}
```

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(251, 208, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 251) }
```

Border

The CSS property to change the border of an element to XYZ 79.7521, 72.5860, 101.0739 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(251, 208, 251) }
```


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

```
.border{ border-color:rgb(251, 208, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 251);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7521, 72.5860, 101.0739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 251) }
```

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

```
.background{ background-color: rgb(251,  
208, 251) }
```

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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