

Converting Colors

XYZ(81.8149, 74.0100,
103.0078)

Have a look what the booklet for
XYZ(81.8149, 74.0100, 103.0078)
contains.

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Color

**XYZ(81.7701, 73.9528,
102.8931)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD1FD
RGB	255, 209, 253
RGB Percent	100%, 82%, 99%
CMY	0.0000, 0.1804, 0.0078
CMYK	0.00, 0.18, 0.01, 0.00
HSL	303°, 100%, 91%
HSV	303°, 18%, 100%
XYZ	81.7701, 73.9528, 102.8931
YIQ	227.7700, 13.2920, 23.4360

Conversions

Conversions Part 2

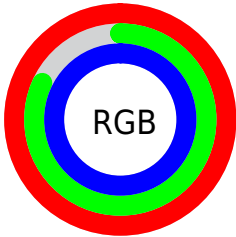
Format	Color
R _Y B	255, 209, 253
Decimal	16765437
CIE Lab	88.90, 23.39, -15.40
CIE LCh	89, 28.002, 326.633
Yxy	73.9528, 0.3162, 0.2860
Android (android.graphics.Color)	4294955517 (0xFFFFD1FD)
YUV	227.7700, 12.4384, 23.8807
Hunter-Lab	85.9958, 19.2361, -10.7428

Details

The XYZ color **81.7701, 73.9528, 102.8931** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.8146, 89.7795, 75.0697**, and the grayscale version is **73.4815, 77.3083, 84.1887**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8081, 39.1025, 57.4104** is the 20% darker color. If you saturate the color by 10%, you get **75.8318, 62.3575, 100.0462**, and if you desaturate by 10%, it is **88.7140, 87.5568, 106.0823**.

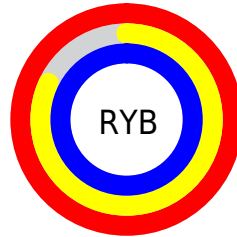
Distribution



Red (100%)

Green (82%)

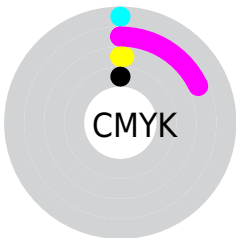
Blue (99%)



Red (100%)

Yellow (82%)

Blue (99%)

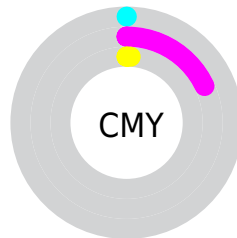


Cyan (0%)

Magenta (18%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.7701, 73.9528, 102.8931 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 81.7701, 73.9528, 102.8931 by changing the saturation by 10% instead.

81.7701, 73.9528,
102.8931

81.7701, 73.9528,
102.8931

489.5245,
474.3105, 590.7546

61.4895, 54.7554,
78.0886

134.7891,
124.8289, 167.2138

44.8744, 39.2059,
57.6299

168.2581,
157.2764, 207.5670

31.5593, 26.9200,
41.0984

206.8541,
194.9094, 253.9402

21.1791, 17.5131,
28.0757

250.9423,
238.1122, 306.7519

13.3682, 10.6010,
18.1432

300.8881,
287.2694, 366.4206

7.7613, 5.7992,
10.8823

357.0568,

3.9931, 2.7234,

342.7652, 433.3650

5.8746

419.8138,
404.9841, 508.0035

■ 1.6982, 0.9891,
2.7014

■ 0.4552, 0.0000,
0.9441

■ 81.7701, 73.9528,
102.8931

■ 81.7701, 73.9528,
102.8931

■ 75.8318, 62.3575,
100.0462

■ 88.7140, 87.5568,
106.0823

■ 70.8466, 52.6672,
97.5211

95.0500, 100.0000,
108.9000

■ 66.7647, 44.7819,
95.3021

■ 63.5300, 38.5893,
93.3705

■ 61.0799, 33.9642,
91.7055

■ 59.3432, 30.7644,
90.2833

■ 58.2360, 28.8219,
89.0759

■ 57.6442, 27.9086,
88.0454

■ 57.5568, 27.7867,
87.8533

Harmonies

Analogous

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



76.3079, 73.9528, 118.7937



81.7701, 73.9528, 102.8931



84.1488, 73.9528, 82.7385

Triad

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



81.7701, 73.9528, 102.8931



71.0596, 73.9528, 48.6599



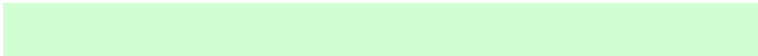
59.2509, 73.9528, 98.4779

Complementary

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



81.7701, 73.9528, 102.8931



73.8146, 89.7795, 75.0697

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.



58.0429, 73.9528, 78.3455



81.7701, 73.9528, 102.8931



64.5969, 73.9528, 51.5038

Square

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



81.7701, 73.9528, 102.8931



77.7197, 73.9528, 53.1517



59.9379, 73.9528, 61.6541



63.3494, 73.9528, 115.9699

Rectangle

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



81.7701, 73.9528, 102.8931



83.5596, 73.9528, 70.2840



59.9379, 73.9528, 61.6541



58.5052, 73.9528, 91.7089

Sweetspot

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



81.7717, 73.9557, 102.8947



91.0275, 92.0976, 107.1197



67.5840, 66.6047, 103.9017



19.3672, 19.4841, 22.8760



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.



81.7717, 73.9557, 102.8947



79.3004, 69.1248, 101.7261



78.3909, 72.6034, 85.0915



18.7566, 18.2859, 22.6012



30.0897, 14.5252, 45.9843



2.9399, 1.4183, 4.5308

Inverse Universe

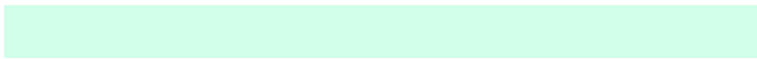
The Inverse Universe completely reimagines the original color for something new.



81.7717, 73.9557, 102.8947



79.3004, 69.1248, 101.7261



76.8408, 90.9900, 91.0058



18.7566, 18.2859, 22.6012



30.0897, 14.5252, 45.9843



2.9399, 1.4183, 4.5308

Previews

White Background



This preview shows how the XYZ color 81.7701, 73.9528, 102.8931 looks on a white background.

Color Contrast Check

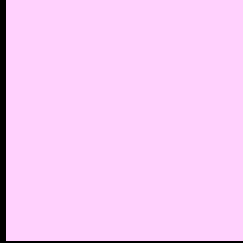
Large Text (above 18pt) WCAG AA × Fail

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 81.7701, 73.9528, 102.8931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

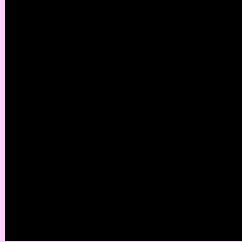
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.7701, 73.9528, 102.8931

Background



This preview shows how black text looks on a background with the XYZ color 81.7701, 73.9528, 102.8931.



This preview shows how white text looks on a background with the XYZ color 81.7701, 73.9528,

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

81.7701, 73.9528, 102.8931

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.7627, 74.2636, 101.6080



Tritanopia

78.2221, 73.9971, 85.0230

Trichromacy



Original Color

81.7701, 73.9528, 102.8931

Protanomaly

75.6572, 73.7704, 104.0175

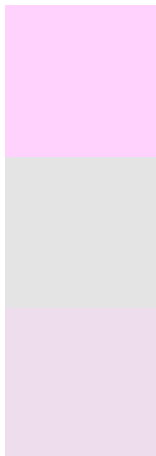
Deuteranomaly

77.8063, 74.1544, 102.3079

Tritanomaly

79.4841, 74.1427, 91.0106

Monochromacy



Original Color

81.7701, 73.9528, 102.8931

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.4024, 76.0045, 90.7643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.7701, 73.9528, 102.8931 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, 209, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 253)  
}
```

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, 209, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 253) }
```

Border

The CSS property to change the border of an element to XYZ 81.7701, 73.9528, 102.8931 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, 209, 253) }
```


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

```
.border{ border-color:rgb(255, 209, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7701, 73.9528, 102.8931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 253) }
```

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

```
.background{ background-color: rgb(255,  
209, 253) }
```

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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