

Converting Colors

XYZ(78.5741, 72.0578,
100.2722)

Have a look what the booklet for
XYZ(78.5741, 72.0578, 100.2722)
contains.

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Color

**XYZ(78.5226, 71.9703,
100.1956)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D0FA
RGB	248, 208, 250
RGB Percent	97%, 82%, 98%
CMY	0.0274, 0.1843, 0.0196
CMYK	0.01, 0.17, 0.00, 0.02
HSL	297°, 81%, 90%
HSV	297°, 17%, 98%
XYZ	78.5226, 71.9703, 100.1956
YIQ	224.7480, 10.3580, 21.5420

Conversions

Conversions Part 2

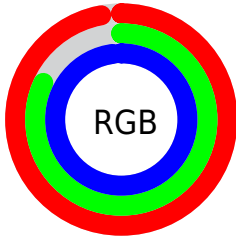
Format	Color
R _Y B	248, 208, 250
Decimal	16306426
CIE Lab	87.95, 21.08, -15.30
CIE LCh	88, 26.050, 324.028
Yxy	71.9703, 0.3132, 0.2871
Android (android.graphics.Color)	4294496506 (0xFFF8D0FA)
YUV	224.7480, 12.4492, 20.3920
Hunter-Lab	84.8353, 16.7558, -10.6403

Details

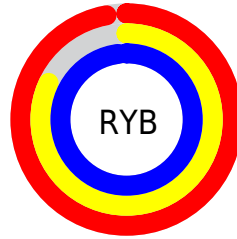
The XYZ color **78.5226, 71.9703, 100.1956** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.1517, 86.6288, 72.5963**, and the grayscale version is **71.2972, 75.0102, 81.6861**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5027, 37.7091, 55.4905** is the 20% darker color. If you saturate the color by 10%, you get **72.4814, 60.5113, 98.3033**, and if you desaturate by 10%, it is **85.5315, 85.3583, 102.4114**.

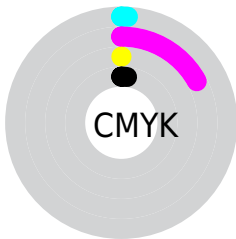
Distribution



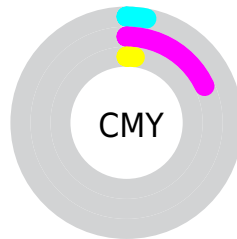
- Red (97%)
- Green (82%)
- Blue (98%)



- Red (97%)
- Yellow (82%)
- Blue (98%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (18%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5226, 71.9703, 100.1956 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 78.5226, 71.9703, 100.1956 by changing the saturation by 10% instead.

78.5226, 71.9703,
100.1956

78.5226, 71.9703,
100.1956

478.7525,
467.4382, 582.0716

58.8076, 53.1344,
75.8461

130.2480,
122.0143, 163.4802

42.7041, 37.9101,
55.8004

162.9892,
153.9912, 203.2523

29.8465, 25.9129,
39.6400

200.8032,
191.1173, 249.0025

19.8696, 16.7585,
26.9463

244.0554,
233.7768, 301.1491

12.4080, 10.0625,
17.3008

293.1110,
282.3543, 360.1108

7.0964, 5.4404,
10.2850

348.3355,

3.5693, 2.5079,

337.2341, 426.3061

5.4803

410.0942,
398.8006, 500.1535

■ 1.4615, 0.8806,
2.4681

■ 0.2994, 0.0000,
0.8232

■ 78.5226, 71.9703,
100.1956

■ 78.5226, 71.9703,
100.1956

■ 72.4814, 60.5113,
98.3033

■ 85.5315, 85.3583,
102.4114

■ 67.3565, 50.8821,
96.7147

■ 92.5771, 98.8169,
104.6378

■ 63.1016, 42.9889,
95.4155

■ 93.0059, 99.0380,
104.6579

■ 59.6637, 36.7258,
94.3878

■ 93.4374, 99.2604,
104.6781

■ 56.9842, 31.9755,
93.6121

■ 93.8716, 99.4843,
104.6984

■ 54.9965, 28.6048,
93.0662

■ 94.2555, 99.6822,
104.7164

■ 53.6225, 26.4576,
92.7242

■ 52.7633, 25.3361,
92.5530

■ 52.5482, 25.0963,
92.5181

Harmonies

Analogous

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



73.3796, 71.9703, 113.8970



78.5226, 71.9703, 100.1956



80.9708, 71.9703, 81.9722

Triad

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



78.5226, 71.9703, 100.1956



69.6543, 71.9703, 49.0560



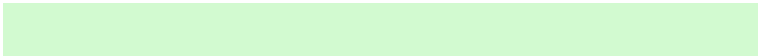
58.0772, 71.9703, 93.1161

Complementary

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



78.5226, 71.9703, 100.1956



72.1517, 86.6288, 72.5963

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.



57.2126, 71.9703, 74.8622



78.5226, 71.9703, 100.1956



63.6617, 71.9703, 51.1153

Square

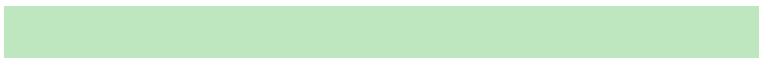
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



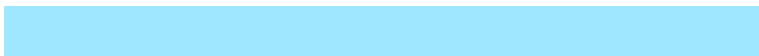
78.5226, 71.9703, 100.1956



75.6555, 71.9703, 53.8358



59.1972, 71.9703, 59.9581



61.6343, 71.9703, 109.3965

Rectangle

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



78.5226, 71.9703, 100.1956



80.6456, 71.9703, 70.3693



59.1972, 71.9703, 59.9581



57.4714, 71.9703, 86.9412

Sweetspot

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



78.5248, 71.9734, 100.1972



90.8936, 92.0182, 107.5784



66.3421, 66.4581, 99.7747



19.3345, 19.4647, 22.9880



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.



78.5248, 71.9734, 100.1972



79.9951, 71.2081, 104.1361



76.4204, 71.2140, 85.3957



17.9066, 17.4800, 21.8155



27.9089, 13.3302, 49.0756



2.6093, 1.2472, 4.5464

Inverse Universe

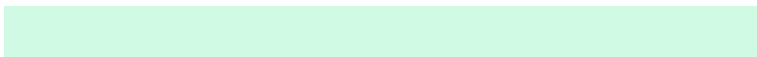
The Inverse Universe completely reimagines the original color for something new.



73.6155, 70.0921, 70.6253



74.0256, 68.9228, 68.0676



74.0518, 87.3235, 85.5555



17.2781, 17.2386, 18.0543



20.9611, 10.8002, 1.2379



1.9528, 1.0048, 0.1747

Previews

White Background



This preview shows how the XYZ color 78.5226, 71.9703, 100.1956 looks on a white background.

Color Contrast Check

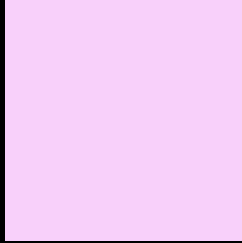
Large Text (above 18pt) WCAG AA × Fail

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 78.5226, 71.9703, 100.1956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

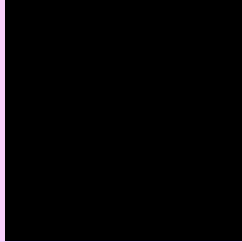
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.5226, 71.9703, 100.1956

Background



This preview shows how black text looks on a background with the XYZ color 78.5226, 71.9703, 100.1956.



This preview shows how white text looks on a background with the XYZ color 78.5226, 71.9703,

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

78.5226, 71.9703, 100.1956

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

73.7124, 72.0984, 99.6539



Tritanopia

75.2033, 72.1009, 83.3520

Trichromacy



Original Color

78.5226, 71.9703, 100.1956

Protanomaly

73.3941, 71.8615, 102.9309

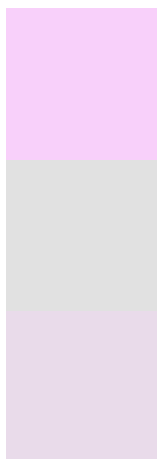
Deuteranomaly

75.2344, 71.7594, 99.5082

Tritanomaly

76.4406, 72.2375, 89.2713

Monochromacy



Original Color

78.5226, 71.9703, 100.1956

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.7871, 73.9272, 88.2223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5226, 71.9703, 100.1956 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(248, 208, 250)` looks like.

```
.text, #text, p{  
    color:rgb(248, 208, 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(248, 208, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 208, 250) }
```

Border

The CSS property to change the border of an element to XYZ 78.5226, 71.9703, 100.1956 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(248, 208, 250) }
```


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

```
.border{ border-color:rgb(248, 208, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 208, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 208, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 208, 250);  
box-shadow:4px 4px 4px 4px rgb(248, 208,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5226, 71.9703, 100.1956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 208, 250) }
```

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

```
.background{ background-color: rgb(248,  
208, 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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