

Converting Colors

XYZ(79.8227, 71.8815, 99.9698)

Have a look what the booklet for
XYZ(79.8227, 71.8815, 99.9698)
contains.

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Color

**XYZ(79.8346, 71.9274,
100.1181)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCEFA
RGB	253, 206, 250
RGB Percent	99%, 81%, 98%
CMY	0.0078, 0.1921, 0.0196
CMYK	0.00, 0.19, 0.01, 0.01
HSL	304°, 92%, 90%
HSV	304°, 19%, 99%
XYZ	79.8346, 71.9274, 100.1181
YIQ	225.0690, 13.8880, 23.6480

Conversions

Conversions Part 2

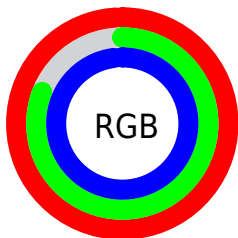
Format	Color
R _Y B	253, 206, 250
Decimal	16633594
CIE Lab	87.93, 23.77, -15.29
CIE LCh	88, 28.261, 327.255
Yxy	71.9274, 0.3170, 0.2856
Android (android.graphics.Color)	4294823674 (0xFFFDCEFA)
YUV	225.0690, 12.2910, 24.4955
Hunter-Lab	84.8100, 19.6107, -10.6247

Details

The XYZ color **79.8346, 71.9274, 100.1181** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.0903, 87.9779, 73.5074**, and the grayscale version is **71.5269, 75.2519, 81.9493**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4572, 37.7192, 55.4422** is the 20% darker color. If you saturate the color by 10%, you get **73.9759, 60.6124, 96.9217**, and if you desaturate by 10%, it is **86.6801, 85.2101, 103.6557**.

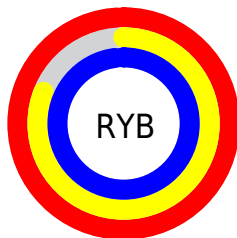
Distribution



Red (99%)

Green (81%)

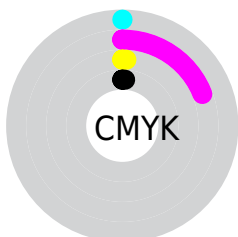
Blue (98%)



Red (99%)

Yellow (81%)

Blue (98%)

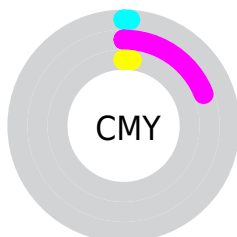


Cyan (0%)

Magenta (19%)

Yellow (1%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8346, 71.9274, 100.1181 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 79.8346, 71.9274, 100.1181 by changing the saturation by 10% instead.

79.8346, 71.9274,
100.1181

79.8346, 71.9274,
100.1181

483.1203,
467.2889, 581.8212

59.8903, 53.0994,
75.7817

132.0849,
121.9533, 163.3728

43.5793, 37.8821,
55.7480

165.1216,
153.9200, 203.1281

30.5364, 25.8912,
39.5983

203.2531,
191.0350, 248.8603

20.3962, 16.7423,
26.9140

246.8447,
233.6827, 300.9877

12.7933, 10.0509,
17.2768

296.2619,
282.2476, 359.9290

7.3624, 5.4327,
10.2680

351.8700,

3.7381, 2.5033,

337.1140, 426.1026

5.4691

414.0344,
398.6663, 499.9272

■ 1.5550, 0.8783,
2.4615

■ 0.3628, 0.0000,
0.8197

■ 79.8346, 71.9274,
100.1181

■ 79.8346, 71.9274,
100.1181

■ 73.9759, 60.6124,
96.9217

■ 86.6801, 85.2101,
103.6557

■ 69.0507, 51.1621,
94.0464

■ 94.0351, 99.5095,
107.3731

■ 65.0104, 43.4783,
91.4767

■ 94.2939, 99.6130,
108.7358

■ 61.7998, 37.4502,
89.1941

■ 94.3185, 99.6229,
108.8658

■ 59.3569, 32.9544,
87.1781

■ 57.6116, 29.8501,
85.4052

■ 56.4806, 27.9710,
83.8476

■ 55.8454, 27.0803,
82.4658

■ 55.7727, 26.9886,
82.2756

Harmonies

Analogous

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



74.4627, 71.9274, 116.0914



79.8346, 71.9274, 100.1181



82.1197, 71.9274, 80.1050

Triad

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



79.8346, 71.9274, 100.1181



68.9864, 71.9274, 46.8293



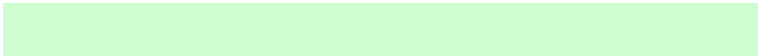
57.4959, 71.9274, 96.5405

Complementary

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



79.8346, 71.9274, 100.1181



72.0903, 87.9779, 73.5074

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.



56.2386, 71.9274, 76.5552



79.8346, 71.9274, 100.1181



62.6093, 71.9274, 49.7787

Square

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



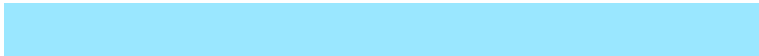
79.8346, 71.9274, 100.1181



75.6048, 71.9274, 51.1023



58.0499, 71.9274, 59.9349



61.6025, 71.9274, 113.7992

Rectangle

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



79.8346, 71.9274, 100.1181



81.4802, 71.9274, 67.8319



58.0499, 71.9274, 59.9349



56.7383, 71.9274, 89.8298

Sweetspot

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



79.8368, 71.9305, 100.1196



90.2050, 90.5609, 106.5112



65.9151, 64.6989, 101.9437



19.1996, 19.1737, 22.7438



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.



79.8368, 71.9305, 100.1196



79.1191, 69.0523, 100.7715



76.4676, 70.5829, 82.3780



18.7396, 18.2792, 22.5121



29.6896, 14.3651, 43.8773



2.9053, 1.4045, 4.3487

Inverse Universe

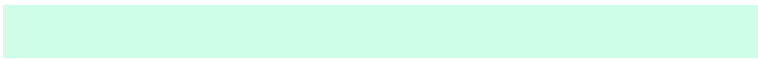
The Inverse Universe completely reimagines the original color for something new.



79.8368, 71.9305, 100.1196



79.1191, 69.0523, 100.7715



75.1256, 89.1920, 89.4910



18.7396, 18.2792, 22.5121



29.6896, 14.3651, 43.8773



2.9053, 1.4045, 4.3487

Previews

White Background



This preview shows how the XYZ color 79.8346, 71.9274, 100.1181 looks on a white background.

Color Contrast Check

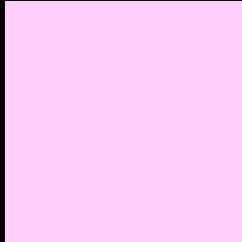
Large Text (above 18pt) WCAG AA × Fail

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 79.8346, 71.9274, 100.1181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

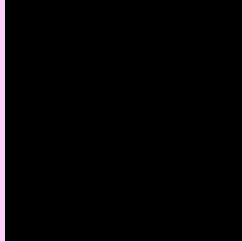
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8346, 71.9274, 100.1181

Background



This preview shows how black text looks on a background with the XYZ color 79.8346, 71.9274, 100.1181.



This preview shows how white text looks on a background with the XYZ color 79.8346, 71.9274,

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

79.8346, 71.9274, 100.1181

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

73.5568, 72.0362, 98.8345



Tritanopia

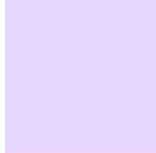
76.1984, 71.9082, 81.8151

Trichromacy



Original Color

79.8346, 71.9274, 100.1181



Protanomaly

73.7711, 71.6790, 102.8758



Deuteranomaly

75.9023, 72.1037, 99.5394



Tritanomaly

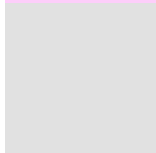
77.5795, 72.1083, 88.4267

Monochromacy



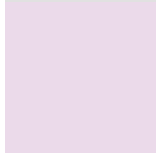
Original Color

79.8346, 71.9274, 100.1181



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

74.1836, 73.7455, 88.1663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8346, 71.9274, 100.1181 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(253, 206, 250)` looks like.

```
.text, #text, p{  
    color:rgb(253, 206, 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(253, 206, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 206, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.8346, 71.9274, 100.1181 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(253, 206, 250) }
```


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

```
.border{ border-color:rgb(253, 206, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 206, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 206, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 206, 250);  
box-shadow:4px 4px 4px 4px rgb(253, 206,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8346, 71.9274, 100.1181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 206, 250) }
```

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

```
.background{ background-color: rgb(253,  
206, 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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