

Converting Colors

XYZ(79.9170, 74.2779,
100.2964)

Have a look what the booklet for
XYZ(79.9170, 74.2779, 100.2964)
contains.

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Color

**XYZ(79.8657, 74.1288,
100.5414)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D4FA
RGB	249, 212, 250
RGB Percent	98%, 83%, 98%
CMY	0.0235, 0.1686, 0.0196
CMYK	0.00, 0.15, 0.00, 0.02
HSL	298°, 79%, 91%
HSV	298°, 15%, 98%
XYZ	79.8657, 74.1288, 100.5414
YIQ	227.3950, 9.8540, 19.6620

Conversions

Conversions Part 2

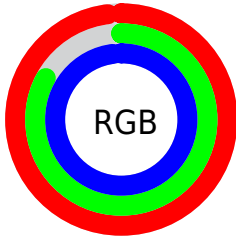
Format	Color
R_{YB}	249, 212, 250
Decimal	16372986
CIE _{Lab}	88.98, 19.31, -13.75
CIE _{LCh}	89, 23.703, 324.541
Yxy	74.1288, 0.3138, 0.2912
Android (android.graphics.Color)	4294563066 (0xFFFF9D4FA)
YUV	227.3950, 11.1443, 18.9476
Hunter-Lab	86.0981, 14.9073, -8.9675

Details

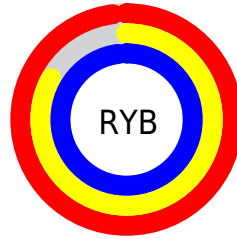
The XYZ color **79.8657, 74.1288, 100.5414** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.5125, 87.2727, 75.2619**, and the grayscale version is **73.2194, 77.0325, 83.8884**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4208, 39.1707, 55.7242** is the 20% darker color. If you saturate the color by 10%, you get **73.8604, 62.4645, 98.6076**, and if you desaturate by 10%, it is **86.8438, 87.7350, 102.8010**.

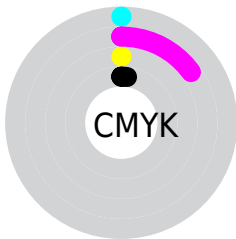
Distribution



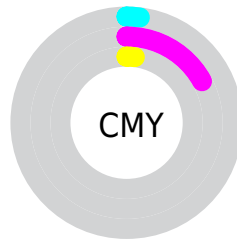
- Red (98%)
- Green (83%)
- Blue (98%)



- Red (98%)
- Yellow (83%)
- Blue (98%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.8657, 74.1288, 100.5414 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 79.8657, 74.1288, 100.5414 by changing the saturation by 10% instead.

79.8657, 74.1288,
100.5414

79.8657, 74.1288,
100.5414

483.2236,
474.9178, 583.1886

59.9159, 54.8995,
76.1334

132.1284,
125.0784, 163.9594

43.6001, 39.3212,
56.0346

165.1721,
157.5674, 203.8063

30.5528, 27.0097,
39.8265

203.3111,
195.2451, 249.6367

20.4087, 17.5805,
27.0905

246.9107,
238.4959, 301.8691

12.8025, 10.6492,
17.4082

296.3365,
287.7042, 360.9219

7.3687, 5.8315,
10.3609

351.9536,

3.7421, 2.7429,

343.2543, 427.2137

5.5302

414.1275,
405.5307, 501.1631

■ 1.5573, 0.9990,
2.4974

■ 0.3643, 0.0000,
0.8388

■ 79.8657, 74.1288,
100.5414

■ 79.8657, 74.1288,
100.5414

■ 73.8604, 62.4645,
98.6076

■ 86.8438, 87.7350,
102.8010

■ 68.7770, 52.6439,
96.9799

■ 92.5536, 98.8049,
104.6367

■ 64.5697, 44.5743,
95.6441

■ 92.7902, 98.9268,
104.6478

■ 61.1864, 38.1516,
94.5827

■ 93.0275, 99.0492,
104.6589

58.5694, 33.2603,
93.7765

93.2657, 99.1720,
104.6701

56.6538, 29.7703,
93.2038

93.5047, 99.2952,
104.6812

55.3634, 27.5298,
92.8394

93.7446, 99.4188,
104.6925

54.6049, 26.3518,
92.6520

93.9852, 99.5429,
104.7037

54.3640, 26.0323,
92.6030

94.2267, 99.6674,
104.7150

Harmonies

Analogous

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



75.1565, 74.1288, 113.1304



79.8657, 74.1288, 100.5414



82.0634, 74.1288, 83.7681

Triad

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



79.8657, 74.1288, 100.5414



71.5158, 74.1288, 53.0847



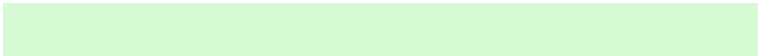
60.8579, 74.1288, 94.6129

Complementary

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



79.8657, 74.1288, 100.5414



73.5125, 87.2727, 75.2619

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.



60.0004, 74.1288, 77.7344



79.8657, 74.1288, 100.5414



65.9580, 74.1288, 55.1689

Square

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



79.8657, 74.1288, 100.5414



77.0773, 74.1288, 57.5430



61.8182, 74.1288, 63.6808



64.2274, 74.1288, 109.3941

Rectangle

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



79.8657, 74.1288, 100.5414



81.7269, 74.1288, 73.0115



61.8182, 74.1288, 63.6808



60.2743, 74.1288, 88.9393

Sweetspot

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



79.8679, 74.1320, 100.5430



90.9933, 92.0696, 107.5831



68.2713, 68.6256, 100.0914



19.3588, 19.4773, 22.9891



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.



79.8679, 74.1320, 100.5430



81.6721, 73.9017, 104.5676



77.5736, 73.2556, 86.5963



17.9452, 17.4999, 21.8173



28.8565, 13.8188, 49.1199



2.6865, 1.2870, 4.5500

Inverse Universe

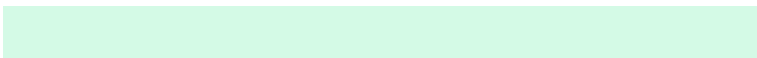
The Inverse Universe completely reimagines the original color for something new.



74.9806, 72.2184, 72.9420



75.7362, 71.5785, 70.9983



75.5850, 88.0683, 87.6845



17.2631, 17.2326, 17.9754



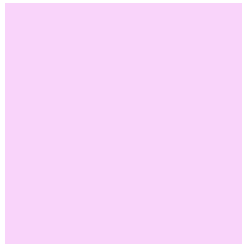
20.9391, 10.7914, 1.1219



1.9456, 1.0020, 0.1371

Previews

White Background



This preview shows how the XYZ color 79.8657, 74.1288, 100.5414 looks on a white background.

Color Contrast Check

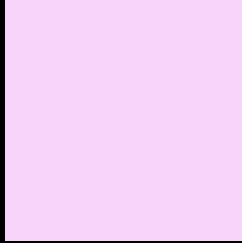
Large Text (above 18pt) WCAG AA × Fail

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 79.8657, 74.1288, 100.5414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

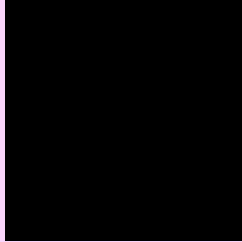
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.8657, 74.1288, 100.5414

Background



This preview shows how black text looks on a background with the XYZ color 79.8657, 74.1288, 100.5414.



This preview shows how white text looks on a background with the XYZ color 79.8657, 74.1288,

100.5414.

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

79.8657, 74.1288, 100.5414

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

76.1020, 74.4748, 99.9866



Tritanopia

76.8720, 74.0199, 86.5796

Trichromacy



Original Color

79.8657, 74.1288, 100.5414

Protanomaly

75.1141, 73.8927, 103.2323

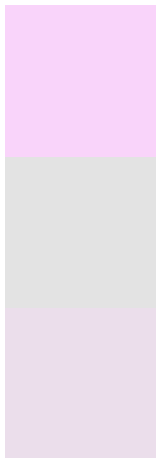
Deuteranomaly

77.2514, 74.3020, 99.8927

Tritanomaly

77.9843, 74.0993, 91.8537

Monochromacy



Original Color

79.8657, 74.1288, 100.5414

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.3776, 75.9029, 89.2752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.8657, 74.1288, 100.5414 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(249, 212, 250)` looks like.

```
.text, #text, p{  
    color:rgb(249, 212, 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(249, 212, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 212, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.8657, 74.1288, 100.5414 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(249, 212, 250) }
```


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

```
.border{ border-color:rgb(249, 212, 250) }
```

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

Here you see how a box with a 4 pixel rgb(249, 212, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 212, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 212, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 212,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.8657, 74.1288, 100.5414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 212, 250) }
```

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

```
.background{ background-color: rgb(249,  
212, 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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