

Converting Colors

XYZ(79.9617, 74.5670, 99.8048)

Have a look what the booklet for XYZ(79.9617, 74.5670, 99.8048) contains.

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Color

**XYZ(79.9601, 74.5678,
99.8012)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D5F9
RGB	249, 213, 249
RGB Percent	98%, 84%, 98%
CMY	0.0235, 0.1647, 0.0235
CMYK	0.00, 0.14, 0.00, 0.02
HSL	300°, 75%, 91%
HSV	300°, 14%, 98%
XYZ	79.9601, 74.5678, 99.8012
YIQ	227.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

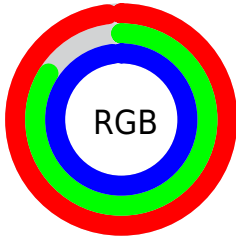
Format	Color
R _Y B	249, 213, 249
Decimal	16373241
CIE Lab	89.19, 18.60, -12.91
CIE LCh	89, 22.645, 325.227
Yxy	74.5678, 0.3144, 0.2932
Android (android.graphics.Color)	4294563321 (0xFFFF9D5F9)
YUV	227.8680, 10.4181, 18.5328
Hunter-Lab	86.3526, 14.1688, -8.0770

Details

The XYZ color **79.9601, 74.5678, 99.8012** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3295, 86.7038, 75.8255**, and the grayscale version is **73.5694, 77.4008, 84.2895**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5907, 39.5104, 55.7809** is the 20% darker color. If you saturate the color by 10%, you get **74.1724, 62.9912, 97.8726**, and if you desaturate by 10%, it is **86.7138, 88.0740, 102.0535**.

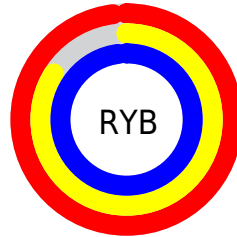
Distribution



Red (98%)

Green (84%)

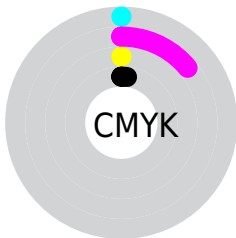
Blue (98%)



Red (98%)

Yellow (84%)

Blue (98%)

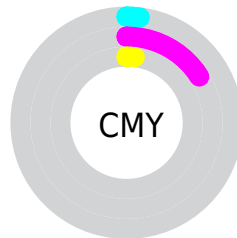


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (16%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.9601, 74.5678, 99.8012 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 79.9601, 74.5678, 99.8012 by changing the saturation by 10% instead.


 79.9601, 74.5678,
99.8012

 79.9601, 74.5678,
99.8012

483.5369,
476.4307, 580.7963

 59.9939, 55.2589,
75.5186


132.2605,
125.7004, 162.9335

 43.6631, 39.6090,
55.5335


165.3253,
158.2928, 202.6201

 30.6025, 27.2338,
39.4276


203.4870,
196.0819, 248.2786

 20.4467, 17.7489,
26.7821

247.1111,
239.4520, 300.3274

 12.8303, 10.7699,
17.1787

296.5627,
288.7876, 359.1850

 7.3880, 5.9123,
10.1987

352.2073,

 3.7544, 2.7918,

344.4730, 425.2700

5.4235

414.4103,
406.8925, 499.0009

■ 1.5641, 1.0240,
2.4348

■ 0.3689, 0.0000,
0.8053

■ 79.9601, 74.5678,
99.8012

■ 79.9601, 74.5678,
99.8012

■ 74.1724, 62.9912,
97.8726

■ 86.7138, 88.0740,
102.0535

■ 69.3002, 53.2470,
96.2483

■ 91.9267, 98.4997,
103.7914

■ 65.2988, 45.2443,
94.9143

■ 91.9268, 98.4998,
103.7917

■ 62.1169, 38.8804,
93.8534

■ 91.9268, 98.4998,
103.7919

59.6977, 34.0422,
93.0468

91.9269, 98.4998,
103.7922

57.9775, 30.6019,
92.4731

91.9269, 98.4998,
103.7924

56.8822, 28.4113,
92.1078

91.9270, 98.4998,
103.7927

56.3207, 27.2884,
91.9204

91.9270, 98.4999,
103.7929

56.1662, 26.9795,
91.8688

91.9271, 98.4999,
103.7932

Harmonies

Analogous

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



75.4975, 74.5678, 111.9283



79.9601, 74.5678, 99.8012



81.9923, 74.5678, 83.7485

Triad

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



79.9601, 74.5678, 99.8012



71.7617, 74.5678, 54.4990



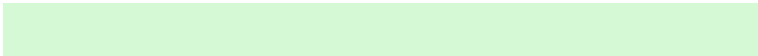
61.6955, 74.5678, 94.8560

Complementary

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



79.9601, 74.5678, 99.8012



73.3295, 86.7038, 75.8255

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.



60.8100, 74.5678, 78.6874



79.9601, 74.5678, 99.8012



66.4441, 74.5678, 56.6701

Square

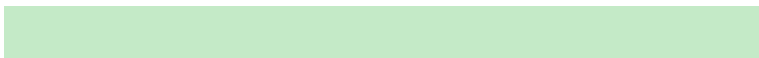
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



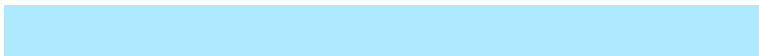
79.9601, 74.5678, 99.8012



77.1050, 74.5678, 58.6845



62.5045, 74.5678, 65.0524



64.9889, 74.5678, 108.8232

Rectangle

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



79.9601, 74.5678, 99.8012



81.6226, 74.5678, 73.4629



62.5045, 74.5678, 65.0524



61.1139, 74.5678, 89.4444

Sweetspot

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



79.9623, 74.5710, 99.8028



91.8819, 93.6639, 107.8439



68.3370, 68.5780, 99.2591



19.5431, 19.8010, 23.0419



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.



79.9623, 74.5710, 99.8028



82.7460, 75.3921, 104.7982



77.2876, 73.5011, 85.7177



17.9931, 17.5246, 21.8195



30.0644, 14.4415, 49.1751



2.7845, 1.3375, 4.5545

Inverse Universe

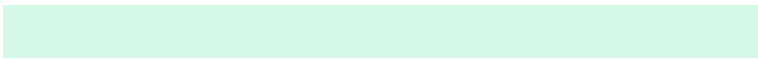
The Inverse Universe completely reimagines the original color for something new.



79.9623, 74.5710, 99.8028



82.7460, 75.3921, 104.7982



75.7428, 87.6692, 88.5338



17.9931, 17.5246, 21.8195



30.0644, 14.4415, 49.1751



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 79.9601, 74.5678, 99.8012 looks on a white background.

Color Contrast Check

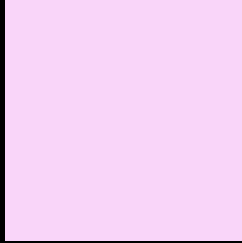
Large Text (above 18pt) WCAG AA × Fail

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 79.9601, 74.5678, 99.8012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

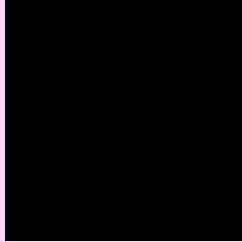
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.9601, 74.5678, 99.8012

Background



This preview shows how black text looks on a background with the XYZ color 79.9601, 74.5678, 99.8012.



This preview shows how white text looks on a background with the XYZ color 79.9601, 74.5678,

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

79.9601, 74.5678, 99.8012

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

76.2756, 74.5823, 99.1826



Tritanopia

77.6216, 74.7691, 87.4316

Trichromacy



Original Color

79.9601, 74.5678, 99.8012

Protanomaly

75.6943, 74.5779, 103.3340

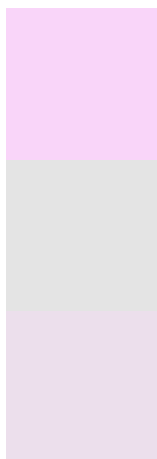
Deuteranomaly

77.4343, 74.4143, 99.0891

Tritanomaly

78.5918, 74.7893, 91.9549

Monochromacy



Original Color

79.9601, 74.5678, 99.8012

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.1201, 76.6643, 90.1426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.9601, 74.5678, 99.8012 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, 213, 249)` looks like.

```
.text, #text, p{  
    color:rgb(249, 213, 249)  
}
```

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, 213, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 213, 249) }
```

Border

The CSS property to change the border of an element to XYZ 79.9601, 74.5678, 99.8012 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, 213, 249) }
```


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

```
.border{ border-color:rgb(249, 213, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 213, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 213, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 213, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 213,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 79.9601, 74.5678, 99.8012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 213, 249) }
```

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

```
.background{ background-color: rgb(249,  
213, 249) }
```

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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