

Converting Colors

XYZ(79.4030, 70.0805, 99.4467)

Have a look what the booklet for
XYZ(79.4030, 70.0805, 99.4467)
contains.

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Color

**XYZ(79.3820, 69.9354,
99.7575)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9FA
RGB	255, 201, 250
RGB Percent	100%, 79%, 98%
CMY	0.0000, 0.2117, 0.0196
CMYK	0.00, 0.21, 0.02, 0.00
HSL	306°, 100%, 89%
HSV	306°, 21%, 100%
XYZ	79.3820, 69.9354, 99.7575
YIQ	222.7320, 16.4550, 26.6870

Conversions

Conversions Part 2

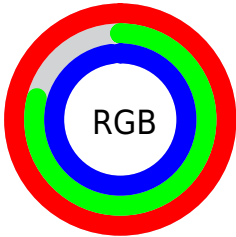
Format	Color
R_{YB}	255, 201, 250
Decimal	16763386
CIE _{Lab}	86.97, 27.05, -16.72
CIE _{LCh}	87, 31.803, 328.276
Yxy	69.9354, 0.3187, 0.2808
Android (android.graphics.Color)	4294953466 (0xFFFFC9FA)
YUV	222.7320, 13.4431, 28.2990
Hunter-Lab	83.6274, 23.0904, -12.1867

Details

The XYZ color **79.3820, 69.9354, 99.7575** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.9900, 88.3947, 71.7156**, and the grayscale version is **69.8500, 73.4877, 80.0281**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3481, 36.7235, 55.2557** is the 20% darker color. If you saturate the color by 10%, you get **73.5561, 58.8722, 96.0014**, and if you desaturate by 10%, it is **86.2022, 82.9794, 103.8698**.

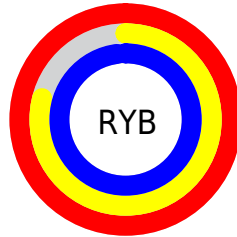
Distribution



Red (100%)

Green (79%)

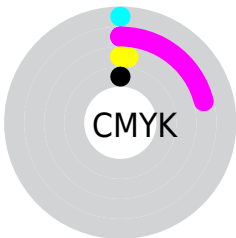
Blue (98%)



Red (100%)

Yellow (79%)

Blue (98%)

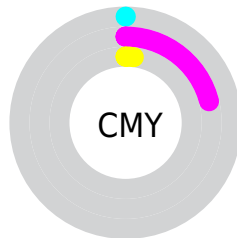


Cyan (0%)

Magenta (21%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3820, 69.9354, 99.7575 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 79.3820, 69.9354, 99.7575 by changing the saturation by 10% instead.


 79.3820, 69.9354,
99.7575

 79.3820, 69.9354,
99.7575


481.6160,
460.3231, 580.6550

 59.5167, 51.4739,
75.4823


131.4516,
119.1166, 162.8729

 43.2771, 36.5859,
55.5040

164.3866,
150.6051, 202.5501

 30.2981, 24.8870,
39.4040


202.4088,
187.2047, 248.1984

 20.2141, 15.9929,
26.7639

245.8836,
229.2998, 300.2363

 12.6600, 9.5191,
17.1651

295.1764,
277.2748, 359.0824

 7.2702, 5.0813,
10.1891

350.6525,

 3.6795, 2.2950,

331.5141, 425.1551

5.4173

412.6772,
392.4021, 498.8732

■ 1.5225, 0.7711,
2.4311

■ 0.3410, 0.0000,
0.8033

■ 79.3820, 69.9354,
99.7575

■ 79.3820, 69.9354,
99.7575

■ 73.5561, 58.8722,
96.0014

■ 86.2022, 82.9794,
103.8698

■ 68.6714, 49.6842,
92.5809

■ 94.0576, 98.0865,
108.3492

■ 64.6766, 42.2685,
89.4797

95.0500, 100.0000,
108.9000

■ 61.5136, 36.5093,
86.6784

■ 59.1176, 32.2765,
84.1552

■ 57.4138, 29.4210,
81.8853

■ 56.3128, 27.7638,
79.8387

■ 55.7193, 27.0517,
78.1770

Harmonies

Analogous

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



73.4732, 69.9354, 118.1739



79.3820, 69.9354, 99.7575



81.8021, 69.9354, 77.3855

Triad

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



79.3820, 69.9354, 99.7575



66.9023, 69.9354, 42.1295



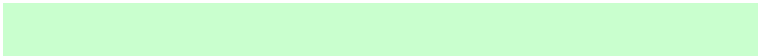
54.6645, 69.9354, 97.2263

Complementary

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



79.3820, 69.9354, 99.7575



70.9900, 88.3947, 71.7156

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.



53.1870, 69.9354, 74.9233



79.3820, 69.9354, 99.7575



59.9294, 69.9354, 45.4939

Square

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



79.3820, 69.9354, 99.7575



74.2720, 69.9354, 46.3727



55.0427, 69.9354, 56.5921



59.2372, 69.9354, 116.5314

Rectangle

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



79.3820, 69.9354, 99.7575



80.9845, 69.9354, 64.0215



55.0427, 69.9354, 56.5921



53.8051, 69.9354, 89.7160

Sweetspot

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



79.3835, 69.9381, 99.7590



90.1346, 90.5328, 106.1406



64.2544, 62.0470, 103.1974



19.1829, 19.1670, 22.6559



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.



79.3835, 69.9381, 99.7590



77.0396, 65.4764, 98.2806



75.5152, 68.3908, 79.3890



18.7159, 18.2697, 22.3869



29.1444, 14.1471, 41.0064



2.8580, 1.3856, 4.0996

Inverse Universe

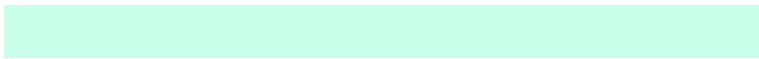
The Inverse Universe completely reimagines the original color for something new.



79.3835, 69.9381, 99.7590



77.0396, 65.4764, 98.2806



74.4859, 89.7931, 90.1246



18.7159, 18.2697, 22.3869



29.1444, 14.1471, 41.0064



2.8580, 1.3856, 4.0996

Previews

White Background



This preview shows how the XYZ color 79.3820, 69.9354, 99.7575 looks on a white background.

Color Contrast Check

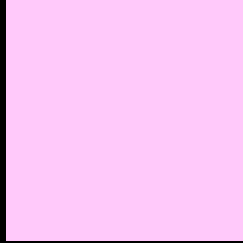
Large Text (above 18pt) WCAG AA × Fail

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 79.3820, 69.9354, 99.7575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

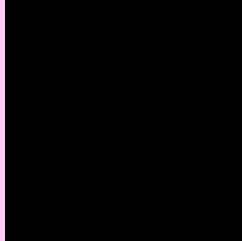
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3820, 69.9354, 99.7575

Background



This preview shows how black text looks on a background with the XYZ color 79.3820, 69.9354, 99.7575.



This preview shows how white text looks on a background with the XYZ color 79.3820, 69.9354,

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

79.3820, 69.9354, 99.7575

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

71.5381, 69.8718, 98.5231



Tritanopia

75.0398, 69.9258, 78.6492

Trichromacy



Original Color

79.3820, 69.9354, 99.7575

Protanomaly

72.3879, 69.8491, 102.5955

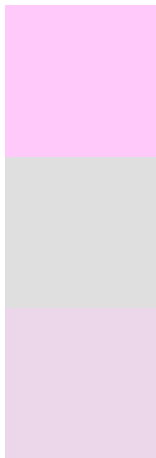
Deuteranomaly

74.2468, 69.7842, 99.1790

Tritanomaly

76.3032, 69.7074, 85.7772

Monochromacy



Original Color

79.3820, 69.9354, 99.7575

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

73.2694, 72.1462, 87.1547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3820, 69.9354, 99.7575 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, 201, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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(255, 201, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.3820, 69.9354, 99.7575 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, 201, 250) }
```


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

```
.border{ border-color:rgb(255, 201, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3820, 69.9354, 99.7575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 250) }
```

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

```
.background{ background-color: rgb(255,  
201, 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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