

Converting Colors

XYZ(79.0772, 69.4506, 99.2714)

Have a look what the booklet for
XYZ(79.0772, 69.4506, 99.2714)
contains.

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Color

**XYZ(79.1496, 69.4707,
99.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC8FA
RGB	255, 200, 250
RGB Percent	100%, 78%, 98%
CMY	0.0000, 0.2157, 0.0196
CMYK	0.00, 0.22, 0.02, 0.00
HSL	305°, 100%, 89%
HSV	305°, 22%, 100%
XYZ	79.1496, 69.4707, 99.6800
YIQ	222.1450, 16.7300, 27.2100

Conversions

Conversions Part 2

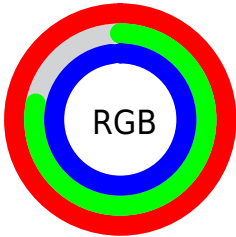
Format	Color
R _Y B	255, 200, 250
Decimal	16763130
CIE _{Lab}	86.74, 27.58, -17.07
CIE _{LCh}	87, 32.430, 328.248
Yxy	69.4707, 0.3188, 0.2798
Android (android.graphics.Color)	4294953210 (0xFFFFC8FA)
YUV	222.1450, 13.7325, 28.8138
Hunter-Lab	83.3491, 23.6455, -12.5626

Details

The XYZ color **79.1496, 69.4707, 99.6800** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.6010, 88.2082, 71.0653**, and the grayscale version is **69.4328, 73.0487, 79.5501**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1932, 36.4138, 55.2041** is the 20% darker color. If you saturate the color by 10%, you get **73.3681, 58.4856, 95.9715**, and if you desaturate by 10%, it is **85.9235, 82.4329, 103.7433**.

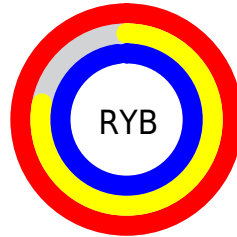
Distribution



Red (100%)

Green (78%)

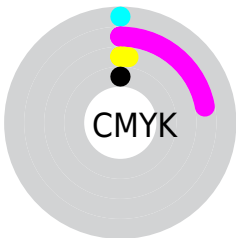
Blue (98%)



Red (100%)

Yellow (78%)

Blue (98%)

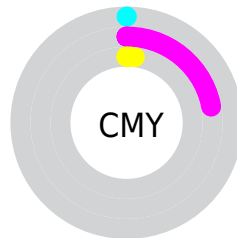


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1496, 69.4707, 99.6800 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 79.1496, 69.4707, 99.6800 by changing the saturation by 10% instead.


 79.1496, 69.4707,
99.6800

 79.1496, 69.4707,
99.6800


480.8426,
458.6893, 580.4042

 59.3249, 51.0951,
75.4179


131.1263,
118.4536, 162.7654

 43.1221, 36.2843,
55.4515

164.0089,
149.8298, 202.4258

 30.1758, 24.6539,
39.3623


201.9749,
186.3083, 248.0561

 20.1208, 15.8194,
26.7317

245.3896,
228.2735, 300.0747

 12.5917, 9.3964,
17.1412

294.6184,
276.1098, 358.9003

 7.2230, 5.0006,
10.1722

350.0266,

 3.6495, 2.2476,

330.2016, 424.9514

5.4062

411.9795,
390.9333, 498.6465

■ 1.5058, 0.7458,
2.4246

■ 0.3298, 0.0000,
0.7998

■ 79.1496, 69.4707,
99.6800

■ 79.1496, 69.4707,
99.6800

■ 73.3681, 58.4856,
95.9715

■ 85.9235, 82.4329,
103.7433

■ 68.5257, 49.3716,
92.5970

■ 93.7306, 97.4546,
108.1721

■ 64.5707, 42.0257,
89.5402

95.0500, 100.0000,
108.9000

■ 61.4451, 36.3312,
86.7817

■ 59.0834, 32.1577,
84.2995

■ 57.4107, 29.3551,
82.0687

■ 56.3367, 27.7428,
80.0589

■ 55.7801, 27.0760,
78.4971

Harmonies

Analogous

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



73.1364, 69.4707, 118.4608



79.1496, 69.4707, 99.6800



81.6173, 69.4707, 76.9195

Triad

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



79.1496, 69.4707, 99.6800



66.4745, 69.4707, 41.2504



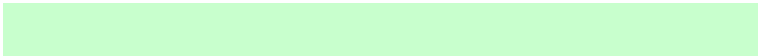
54.0572, 69.4707, 97.0581

Complementary

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



79.1496, 69.4707, 99.6800



70.6010, 88.2082, 71.0653

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.



52.5652, 69.4707, 74.3783



79.1496, 69.4707, 99.6800



59.3992, 69.4707, 44.6282

Square

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



79.1496, 69.4707, 99.6800



73.9621, 69.4707, 45.5280



54.4464, 69.4707, 55.8167



58.6860, 69.4707, 116.7556

Rectangle

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



79.1496, 69.4707, 99.6800



80.7877, 69.4707, 63.3641



54.4464, 69.4707, 55.8167



53.1884, 69.4707, 89.4111

Sweetspot

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



79.1511, 69.4734, 99.6815



90.1387, 90.5344, 106.1623



63.7691, 61.4520, 103.1082



19.1839, 19.1674, 22.6611



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.



79.1511, 69.4734, 99.6815



76.4679, 64.3642, 97.9941



75.2041, 67.8946, 78.8968



18.7173, 18.2702, 22.3942



29.1757, 14.1596, 41.1712



2.8607, 1.3867, 4.1139

Inverse Universe

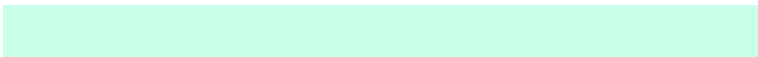
The Inverse Universe completely reimagines the original color for something new.



79.1511, 69.4734, 99.6815



76.4679, 64.3642, 97.9941



74.1586, 89.6312, 89.7998



18.7173, 18.2702, 22.3942



29.1757, 14.1596, 41.1712



2.8607, 1.3867, 4.1139

Previews

White Background



This preview shows how the XYZ color 79.1496, 69.4707, 99.6800 looks on a white background.

Color Contrast Check

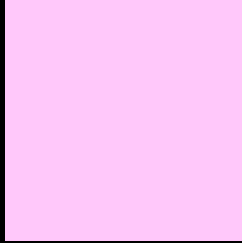
Large Text (above 18pt) WCAG AA × Fail

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 79.1496, 69.4707, 99.6800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

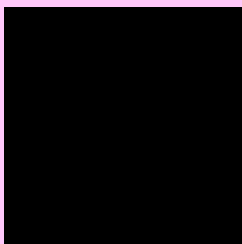
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1496, 69.4707, 99.6800

Background



This preview shows how black text looks on a background with the XYZ color 79.1496, 69.4707, 99.6800.



This preview shows how white text looks on a background with the XYZ color 79.1496, 69.4707,

99.6800.

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

79.1496, 69.4707, 99.6800

Protanopia

68.9004, 69.8870, 104.4659

Deuteranopia

71.2272, 69.7116, 98.5085



Tritanopia

74.6661, 69.3923, 77.8653

Trichromacy



Original Color

79.1496, 69.4707, 99.6800



Protanomaly

72.1402, 69.3538, 102.5129



Deuteranomaly

73.9157, 69.6135, 99.1635



Tritanomaly

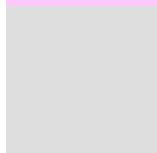
76.0663, 69.2335, 85.6982

Monochromacy



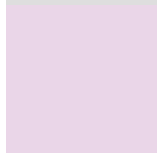
Original Color

79.1496, 69.4707, 99.6800



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.5437, 71.4118, 86.3043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1496, 69.4707, 99.6800 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, 200, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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, 200, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 250) }
```

Border

The CSS property to change the border of an element to XYZ 79.1496, 69.4707, 99.6800 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, 200, 250) }
```


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

```
.border{ border-color:rgb(255, 200, 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, 200, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1496, 69.4707, 99.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 250) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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