

Converting Colors

XYZ(79.0081, 68.9323,
103.7488)

Have a look what the booklet for
XYZ(79.0081, 68.9323, 103.7488)
contains.

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Color

**XYZ(78.9814, 68.9495,
103.7536)**

Conversions

Conversions Part 1

Format	Color
Hex	FDC7FF
RGB	253, 199, 255
RGB Percent	99%, 78%, 100%
CMY	0.0078, 0.2196, 0.0000
CMYK	0.01, 0.22, 0.00, 0.00
HSL	298°, 100%, 89%
HSV	298°, 22%, 100%
XYZ	78.9814, 68.9495, 103.7536
YIQ	221.5300, 14.2080, 28.8640

Conversions

Conversions Part 2

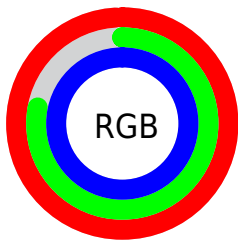
Format	Color
R _Y B	253, 199, 255
Decimal	16631807
CIE Lab	86.48, 28.35, -20.12
CIE LCh	86, 34.767, 324.639
Yxy	68.9495, 0.3138, 0.2740
Android (android.graphics.Color)	4294821887 (0xFFFDC7FF)
YUV	221.5300, 16.5007, 27.5992
Hunter-Lab	83.0358, 24.4716, -15.9580

Details

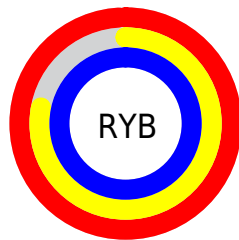
The XYZ color **78.9814, 68.9495, 103.7536** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.1580, 88.0619, 67.3362**, and the grayscale version is **68.9820, 72.5744, 79.0336**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0834, 36.0638, 58.1163** is the 20% darker color. If you saturate the color by 10%, you get **73.2687, 58.0140, 101.9439**, and if you desaturate by 10%, it is **85.6825, 81.8577, 105.8919**.

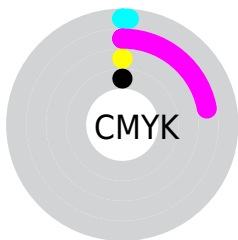
Distribution



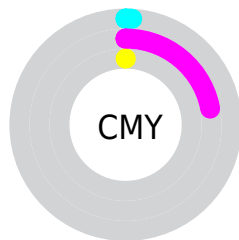
- Red (99%)
- Green (78%)
- Blue (100%)



- Red (99%)
- Yellow (78%)
- Blue (100%)



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.9814, 68.9495, 103.7536 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 78.9814, 68.9495, 103.7536 by changing the saturation by 10% instead.


 78.9814, 68.9495,
103.7536

 78.9814, 68.9495,
103.7536


480.2824,
456.8528, 593.5103

 59.1861, 50.6706,
78.8047


130.8907,
117.7094, 168.4027

 43.0099, 35.9465,
58.2149

163.7355,
148.9593, 208.9400

 30.0874, 24.3929,
41.5656

201.6608,
185.3015, 255.5105

 20.0534, 15.6253,
28.4383

245.0319,
227.1206, 308.5328

 12.5423, 9.2594,
18.4144

294.2143,
274.8008, 368.4254

 7.1890, 4.9108,
11.0754

349.5733,

 3.6279, 2.1950,

328.7267, 435.6068

6.0028

411.4742,
389.2826, 510.4956

■ 1.4939, 0.7173,
2.7779

■ 0.3217, 0.0000,
0.9824

■ 78.9814, 68.9495,
103.7536

■ 78.9814, 68.9495,
103.7536

■ 73.2687, 58.0140,
101.9439

■ 85.6825, 81.8577,
105.8919

■ 68.4898, 48.9445,
100.4452

■ 93.4118, 96.8210,
108.3727

■ 64.5934, 41.6377,
99.2402

95.0500, 100.0000,
108.9000

■ 61.5210, 35.9766,
98.3094

■ 59.2070, 31.8301,
97.6310

■ 57.5760, 29.0471,
97.1798

■ 56.5369, 27.4454,
96.9254

■ 56.0206, 26.7946,
96.8270

Harmonies

Analogous

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



72.1996, 68.9495, 122.9910



78.9814, 68.9495, 103.7536



82.1799, 68.9495, 79.2917

Triad

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



78.9814, 68.9495, 103.7536



66.9909, 68.9495, 39.0306



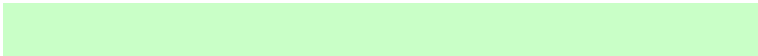
52.4513, 68.9495, 95.1070

Complementary

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



78.9814, 68.9495, 103.7536



70.1580, 88.0619, 67.3362

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.



51.3036, 68.9495, 71.0091



78.9814, 68.9495, 103.7536



59.2926, 68.9495, 41.5671

Square

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



78.9814, 68.9495, 103.7536



74.9040, 68.9495, 44.4221



53.7075, 68.9495, 52.2364



56.9807, 68.9495, 117.3258

Rectangle

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



78.9814, 68.9495, 103.7536



81.6755, 68.9495, 64.4220



53.7075, 68.9495, 52.2364



51.6737, 68.9495, 86.8405

Sweetspot

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



78.9833, 68.9524, 103.7540



89.3836, 89.0146, 107.0783



62.6796, 61.5127, 103.1773



19.0324, 18.8605, 22.8873



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.



78.9833, 68.9524, 103.7540



76.5579, 64.3002, 102.9839



75.9200, 67.8116, 83.8052



18.7248, 18.2654, 22.7886



29.3005, 14.0154, 50.5955



2.8721, 1.3746, 4.9272

Inverse Universe

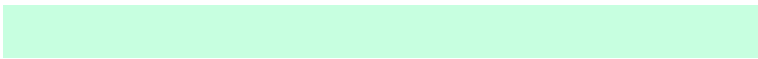
The Inverse Universe completely reimagines the original color for something new.



72.2079, 66.3267, 64.2575



68.7844, 61.2908, 57.5334



72.7968, 89.0557, 84.0182



18.0356, 17.9976, 18.8049



21.5862, 11.1238, 1.2054



2.1106, 1.0866, 0.1638

Previews

White Background



This preview shows how the XYZ color 78.9814, 68.9495, 103.7536 looks on a white background.

Color Contrast Check

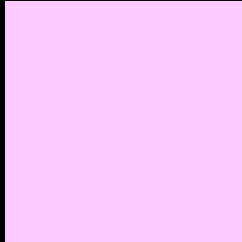
Large Text (above 18pt) WCAG AA × Fail

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 78.9814, 68.9495, 103.7536 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 78.9814, 68.9495, 103.7536

Background



This preview shows how black text looks on a background with the XYZ color 78.9814, 68.9495, 103.7536.



This preview shows how white text looks on a background with the XYZ color 78.9814, 68.9495,

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

78.9814, 68.9495, 103.7536

Protanopia

68.3629, 69.2308, 104.3675

Deuteranopia

70.5391, 68.8960, 102.5090



Tritanopia

73.5939, 68.8396, 77.8152

Trichromacy



Original Color

78.9814, 68.9495, 103.7536



Protanomaly

71.5909, 68.6682, 104.0888



Deuteranomaly

73.4809, 68.9372, 103.1993



Tritanomaly

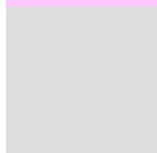
75.4883, 68.9191, 86.4148

Monochromacy



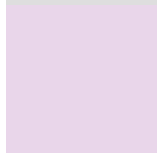
Original Color

78.9814, 68.9495, 103.7536



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

72.5021, 71.3573, 87.7940

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9814, 68.9495, 103.7536 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 199, 255)  
}
```

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, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.9814, 68.9495, 103.7536 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, 199, 255) }
```


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

```
.border{ border-color:rgb(253, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9814, 68.9495, 103.7536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 199, 255) }
```

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

```
.background{ background-color: rgb(253,  
199, 255) }
```

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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