

Converting Colors

YUV(94.9920, 76.9119,
111.3860)

Have a look what the booklet for
YUV(94.9920, 76.9119, 111.3860)
contains.

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Color

**YUV(94.9920, 76.9119,
111.3860)**

Conversions

Conversions Part 1

Format	Color
Hex	DE00FB
RGB	222, 0, 251
RGB Percent	87%, 0%, 98%
CMY	0.1294, 1.0000, 0.0157
CMYK	0.12, 1.00, 0.00, 0.02
HSL	293°, 100%, 49%
HSV	293°, 100%, 98%
XYZ	47.5368, 22.4946, 93.1032
YIQ	94.9920, 51.7410, 125.1250

Conversions

Conversions Part 2

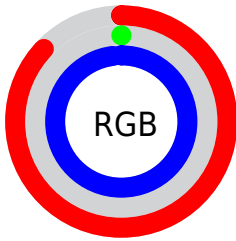
Format	Color
R _{YB}	222, 0, 251
Decimal	14549243
CIE Lab	54.55, 92.80, -68.20
CIE LCh	55, 115.164, 323.689
Yxy	22.4946, 0.2914, 0.1379
Android (android.graphics.Color)	4292739323 (0xFFDE00FB)
YUV	94.9920, 76.9119, 111.3860
Hunter-Lab	47.4285, 95.9076, -83.1876

Details

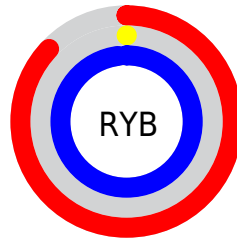
The YUV color **94.9920, 76.9119, 111.3860** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **156.0080, -76.9119, -111.3860**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4280, 45.1450, 80.3086**, and **70.1410, 60.5695, 79.6833** is the 20% darker color. If you saturate the color by 10%, you get **94.9920, 76.9119, 111.3860**, and if you desaturate by 10%, it is **110.5640, 69.2349, 100.3604**.

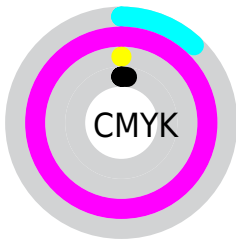
Distribution



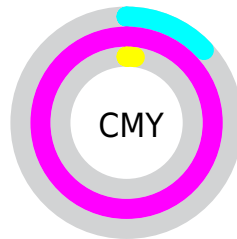
- Red (87%)
- Green (0%)
- Blue (98%)



- Red (87%)
- Yellow (0%)
- Blue (98%)



- Cyan (12%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





- Cyan (13%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9920, 76.9119, 111.3860 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 YUV color 94.9920, 76.9119, 111.3860 by changing the saturation by 10% instead.


 94.9920, 76.9119,
111.3860


 94.9920, 76.9119,
111.3860


255.0000, 0.0000,
0.0000


 82.4170, 68.8144,
95.2273


 163.4280, 45.1450,
80.3086


 70.1410, 60.5695,
79.6833


 182.2120, 35.8845,
63.8351


 57.9790, 52.7614,
64.0394


 200.4090, 26.9134,
47.8763

 45.9310, 45.3900,
48.2955

 218.6060, 17.9422,
31.9175

 33.9970, 38.4555,
32.4516

 236.2160, 9.2605,
16.4736

 21.7640, 31.6683,
15.9930

254.4130, 0.2894,

 7.0680, 27.0815,

0.5148

-6.1986

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 94.9920, 76.9119,
111.3860

■ 110.5640, 69.2349,
100.3604

■ 126.1360, 61.5580,
89.3347

■ 141.7080, 53.8810,
78.3091

■ 157.2800, 46.2040,
67.2834

■ 173.4390, 38.2376,
55.7430

■ 188.7120, 30.7080,
44.1026

■ 204.2840, 23.0310,
33.0769

■ 219.8560, 15.3540,
22.0513

■ 235.4280, 7.6770,
11.0256

Harmonies

Analogous

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



96.5750, 78.1035, -84.6963



94.9920, 76.9119, 111.3860



94.0290, 30.5517, 141.1716

Triad

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



94.9920, 76.9119, 111.3860



123.3630, -60.8180, 47.0396



122.4420, 42.6731, -107.3816

Complementary

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



94.9920, 76.9119, 111.3860



156.0080, -76.9119, -111.3860

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.



109.5260, -1.7383, -96.0543



94.9920, 76.9119, 111.3860



110.1980, -54.3276, -28.2376

Square

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



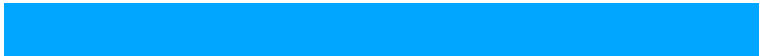
94.9920, 76.9119, 111.3860



107.6000, -53.0468, 121.3768



93.9200, -46.3026, -82.3678



126.5120, 63.3446, -110.9510

Rectangle

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



94.9920, 76.9119, 111.3860



86.6190, 2.1598, 147.6701



93.9200, -46.3026, -82.3678



118.0930, 28.5482, -103.5676

Sweetspot

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



94.9920, 76.9119, 111.3860



207.6970, 23.3204, 33.5917



45.6370, 101.2440, -40.0236



99.2040, 14.1964, 19.9921



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9920, 76.9119, 111.3860



96.6440, 78.0695, 113.4452



92.7190, 30.7045, 138.8124



117.0700, 3.9095, 6.0776



71.4790, 57.9379, 83.7719



23.1000, 18.6847, 27.0993

Inverse Universe

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



78.3550, -24.3320, 151.4097



79.5510, -24.9216, 153.8688



158.2810, -30.7045, -138.8124



116.1150, -1.0427, 7.7921



59.0190, -18.2504, 113.9933



19.0370, -5.9342, 36.8016

Previews

White Background



This preview shows how the YUV color 94.9920, 76.9119, 111.3860 looks on a white background.

Color Contrast Check

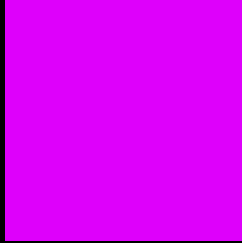
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 94.9920, 76.9119, 111.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

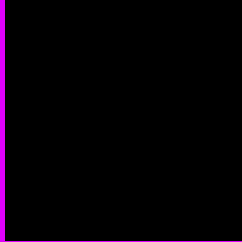
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.9920, 76.9119, 111.3860

Background



This preview shows how black text looks on a background with the YUV color 94.9920, 76.9119, 111.3860.

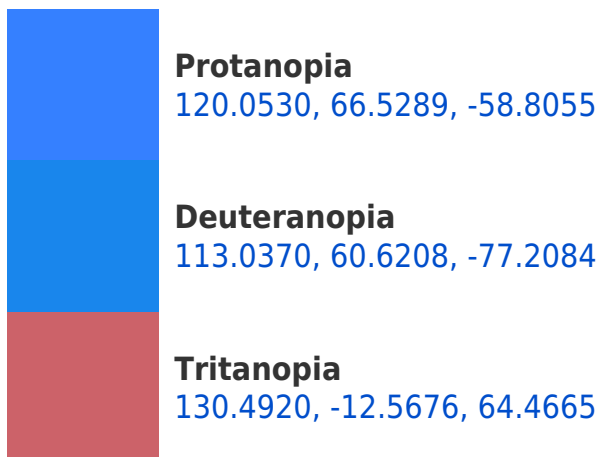


This preview shows how white text looks on a background with the YUV color 94.9920, 76.9119,

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



Trichromacy



Protanomaly

110.5890, 70.7016, 2.9914

Deuteranomaly

106.3720, 66.3716, -8.2192

Tritanomaly

117.4950, 19.9690, 82.0039

Monochromacy



Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

94.7070, 28.2454, 40.5990

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9920, 76.9119, 111.3860 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(222, 0, 251)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 251)  
}
```

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(222, 0, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 251) }
```

Border

The CSS property to change the border of an element to YUV 94.9920, 76.9119, 111.3860 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(222, 0, 251) }
```

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

```
.border{ border-color:rgb(222, 0, 251) }
```

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

Here you see how a box with a 4 pixel rgb(222, 0, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 251);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
251) }
```


Background

The CSS property to change the background color of an element to YUV 94.9920, 76.9119, 111.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 251) }
```

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

```
.background{ background-color: rgb(222, 0,  
251) }
```

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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