

Converting Colors

YUV(78.9880, 82.8299, 79.8175)

Have a look what the booklet for
YUV(78.9880, 82.8299, 79.8175)
contains.

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Color

**YUV(78.9880, 82.8299,
79.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	AA00F7
RGB	170, 0, 247
RGB Percent	67%, 0%, 97%
CMY	0.3333, 1.0000, 0.0314
CMYK	0.31, 1.00, 0.00, 0.03
HSL	281°, 100%, 48%
HSV	281°, 100%, 97%
XYZ	33.3661, 15.2614, 89.1829
YIQ	78.9880, 22.0330, 112.8570

Conversions

Conversions Part 2

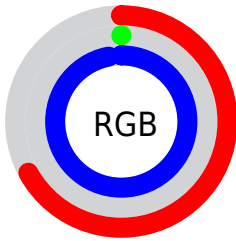
Format	Color
R_{YB}	170, 0, 247
Decimal	11141367
CIE Lab	45.99, 85.52, -80.25
CIE LCh	46, 117.272, 316.821
Yxy	15.2614, 0.2421, 0.1107
Android (android.graphics.Color)	4289331447 (0xFFAA00F7)
YUV	78.9880, 82.8299, 79.8175
Hunter-Lab	39.0659, 84.0910, -108.0060

Details

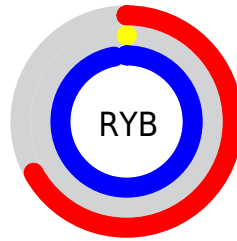
The YUV color **78.9880, 82.8299, 79.8175** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **168.0120, -82.8299, -79.8175**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3820, 51.5767, 70.7020**, and **54.1370, 66.4875, 48.1149** is the 20% darker color. If you saturate the color by 10%, you get **78.9880, 82.8299, 79.8175**, and if you desaturate by 10%, it is **96.0550, 74.4159, 71.8658**.

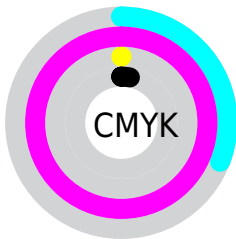
Distribution



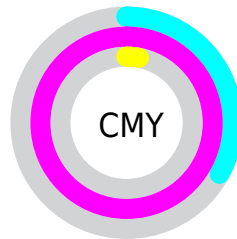
- Red (67%)
- Green (0%)
- Blue (97%)



- Red (67%)
- Yellow (0%)
- Blue (97%)



- Cyan (31%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)





- Cyan (33%)
- Magenta (100%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.9880, 82.8299, 79.8175 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 78.9880, 82.8299, 79.8175 by changing the saturation by 10% instead.


 78.9880, 82.8299,
79.8175


 78.9880, 82.8299,
79.8175


255.0000, 0.0000,
0.0000


 66.4130, 74.7324,
63.6588


 150.3820, 51.5767,
70.7020


 54.1370, 66.4875,
48.1149


 175.7550, 39.0678,
69.4979


 41.3770, 58.9741,
31.2414


 193.3650, 30.3861,
54.0539

 27.5350, 52.4872,
11.8088

 210.3880, 21.9937,
39.1247

 12.3120, 47.1742,
-10.7976

 227.9980, 13.3120,
23.6808

 9.3480, 35.8174,
-8.1982

 245.6080, 4.6303,

 9.5470, 23.8873,

8.2368

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.2540, 4.8048,
-1.0998

■ 78.9880, 82.8299,
79.8175

■ 96.0550, 74.4159,
71.8658

■ 112.2360, 66.4387,
63.8140

■ 129.3030, 58.0246,
55.8623

■ 146.3700, 49.6106,
47.9105

■ 163.1380, 41.3440,
39.3440

■ 179.6180, 33.2193,
31.9070

■ 196.6850, 24.8053,
23.9553

■ 213.7520, 16.3913,
16.0035

■ 229.9330, 8.4140,
7.9518

Harmonies

Analogous

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



91.2920, 80.7080, -80.0631



78.9880, 82.8299, 79.8175



93.2460, 31.4307, 139.2273

Triad

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



78.9880, 82.8299, 79.8175



102.4750, -50.5202, 57.4654



102.6370, 30.2520, -90.0126

Complementary

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



78.9880, 82.8299, 79.8175



168.0120, -82.8299, -79.8175

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.



88.9060, -14.7437, -77.9706



78.9880, 82.8299, 79.8175



94.6480, -46.6615, -13.7233

Square

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



78.9880, 82.8299, 79.8175



69.0690, -34.0510, 142.0135



79.2450, -39.0678, -69.4979



113.5980, 69.7112, -99.6254

Rectangle

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



78.9880, 82.8299, 79.8175



86.8470, 3.0334, 147.4702



79.2450, -39.0678, -69.4979



98.1740, 15.6902, -86.0986

Sweetspot

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



78.9880, 82.8299, 79.8175



203.2120, 25.5315, 24.3701



73.9440, 85.3166, -64.8489



96.5130, 15.5231, 14.4591



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.



78.9880, 82.8299, 79.8175



81.6940, 85.4399, 82.7064



96.8810, 51.8237, 131.6544



114.0590, 3.9149, 4.3333



59.4760, 62.3763, 60.0955



18.6860, 19.8748, 18.6924

Inverse Universe

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



82.6310, -2.7761, 144.1516



85.2510, -3.0817, 148.8699



150.1190, -51.8237, -131.6544



114.0440, -0.0217, 6.9774



62.2260, -2.0834, 108.5498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 78.9880, 82.8299, 79.8175 looks on a white background.

Color Contrast Check

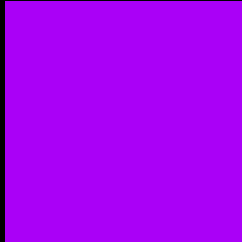
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 78.9880, 82.8299, 79.8175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

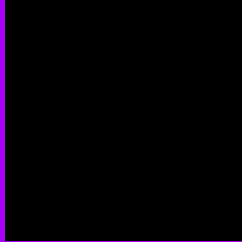
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.9880, 82.8299, 79.8175

Background



This preview shows how black text looks on a background with the YUV color 78.9880, 82.8299, 79.8175.

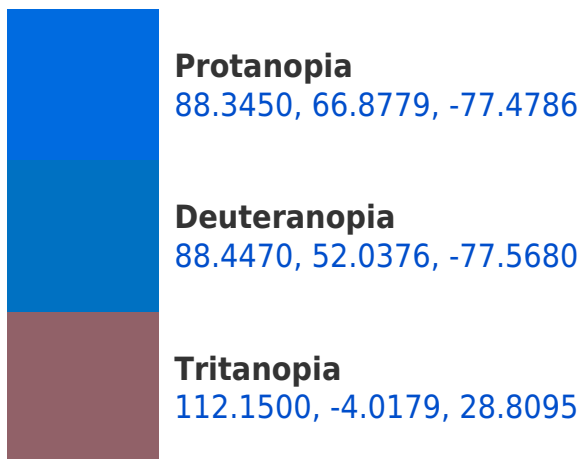


This preview shows how white text looks on a background with the YUV color 78.9880, 82.8299,

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

84.9020, 72.5193, -20.0851

Deuteranomaly

85.0840, 63.0626, -20.2447

Tritanomaly

100.2240, 27.4976, 47.1616

Monochromacy



Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7980, 30.1726, 29.1182

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.9880, 82.8299, 79.8175 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(170, 0, 247)` looks like.

```
.text, #text, p{  
    color:rgb(170, 0, 247)  
}
```

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(170, 0, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 0, 247) }
```

Border

The CSS property to change the border of an element to YUV 78.9880, 82.8299, 79.8175 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(170, 0, 247) }
```

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

```
.border{ border-color:rgb(170, 0, 247) }
```

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

Here you see how a box with a 4 pixel rgb(170, 0, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 0, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 0, 247);  
box-shadow:4px 4px 4px 4px rgb(170, 0,  
247) }
```


Background

The CSS property to change the background color of an element to YUV 78.9880, 82.8299, 79.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 0, 247) }
```

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

```
.background{ background-color: rgb(170, 0,  
247) }
```

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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