

Converting Colors

YUV(78.7040, 86.9139, 76.5586)

Have a look what the booklet for
YUV(78.7040, 86.9139, 76.5586)
contains.

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Color

**YUV(78.7040, 86.9139,
76.5586)**

Conversions

Conversions Part 1

Format	Color
Hex	A600FF
RGB	166, 0, 255
RGB Percent	65%, 0%, 100%
CMY	0.3490, 1.0000, 0.0000
CMYK	0.35, 1.00, 0.00, 0.00
HSL	279°, 100%, 50%
HSV	279°, 100%, 100%
XYZ	33.7759, 15.3270, 95.7860
YIQ	78.7040, 17.0810, 114.4970

Conversions

Conversions Part 2

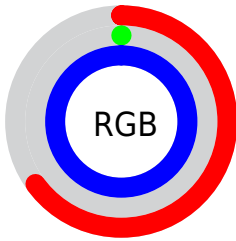
Format	Color
RYB	166, 0, 255
Decimal	10879231
CIELab	46.08, 86.57, -84.60
CIElCh	46, 121.048, 315.659
Yxy	15.3270, 0.2331, 0.1058
Android (android.graphics.Color)	4289069311 (0xFFA600FF)
YUV	78.7040, 86.9139, 76.5586
Hunter-Lab	39.1497, 85.4865, -117.6576

Details

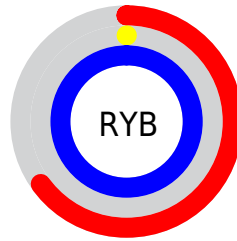
The YUV color **78.7040, 86.9139, 76.5586** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **176.2960, -86.9139, -76.5586**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4850, 52.0189, 68.8577**, and **53.5540, 70.7189, 44.2411** is the 20% darker color. If you saturate the color by 10%, you get **78.7040, 86.9139, 76.5586**, and if you desaturate by 10%, it is **96.0700, 78.3525, 69.2216**.

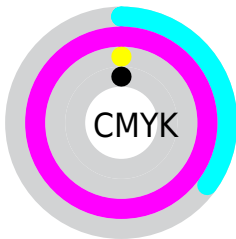
Distribution



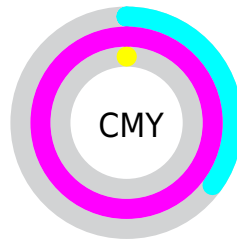
- Red (65%)
- Green (0%)
- Blue (100%)



- Red (65%)
- Yellow (0%)
- Blue (100%)



- Cyan (35%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)





- Cyan (35%)
- Magenta (100%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.7040, 86.9139, 76.5586 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 78.7040, 86.9139, 76.5586 by changing the saturation by 10% instead.


 78.7040, 86.9139,
76.5586


 78.7040, 86.9139,
76.5586


255.0000, 0.0000,
0.0000


 66.1290, 78.8164,
60.3999


 149.4850, 52.0189,
68.8577


 53.5540, 70.7189,
44.2411


 175.7550, 39.0678,
69.4979


 40.1960, 63.5004,
26.1381


 192.7780, 30.6754,
54.5687

 24.7450, 57.3137,
3.7316

 210.3880, 21.9937,
39.1247

 12.9960, 49.7950,
-11.3975

 227.9980, 13.3120,
23.6808

 10.1460, 38.8750,
-8.8980

 245.6080, 4.6303,

 11.4050, 25.9293,

8.2368

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 78.7040, 86.9139,
76.5586

■ 96.0700, 78.3525,
69.2216

■ 114.0230, 69.5017,
61.3698

■ 131.9760, 60.6508,
53.5180

■ 149.3420, 52.0894,
46.1811

■ 167.2950, 43.2386,
38.3293

■ 184.3620, 34.8245,
30.3775

■ 202.3150, 25.9737,
22.5257

■ 219.6810, 17.4123,
15.1888

■ 237.6340, 8.5614,
7.3370

Harmonies

Analogous

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



92.4660, 80.1293, -81.0927



78.7040, 86.9139, 76.5586



94.4140, 33.3199, 139.9569

Triad

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



78.7040, 86.9139, 76.5586



101.9100, -50.2416, 61.4689



102.9960, 29.0890, -90.3275

Complementary

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



78.7040, 86.9139, 76.5586



176.2960, -86.9139, -76.5586

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.



88.8090, -17.6538, -77.8855



78.7040, 86.9139, 76.5586



95.5450, -47.1037, -11.8790

Square

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



78.7040, 86.9139, 76.5586



70.5640, -34.7881, 145.0874



79.2450, -39.0678, -69.4979



114.1850, 69.4218, -100.1402

Rectangle

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



78.7040, 86.9139, 76.5586



87.1890, 4.3438, 147.1702



79.2450, -39.0678, -69.4979



98.4190, 14.0904, -86.3135

Sweetspot

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



78.7040, 86.9139, 76.5586



202.3150, 25.9737, 22.5257



81.3130, 85.6277, -71.3115



95.9150, 15.8179, 13.2295



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.



78.7040, 86.9139, 76.5586



100.9830, 57.1964, 135.0729



118.8740, 4.4991, 3.6185



59.1490, 65.0025, 57.7513



19.8540, 21.7640, 19.4220

Inverse Universe

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



86.3910, 1.2862, 147.8701



154.0170, -57.1964, -135.0729



119.3430, -0.1691, 7.5922



64.7470, 1.1107, 110.7239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 78.7040, 86.9139, 76.5586 looks on a white background.

Color Contrast Check

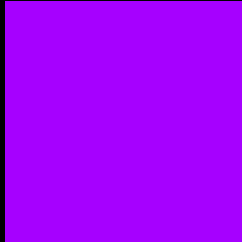
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.7040, 86.9139, 76.5586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

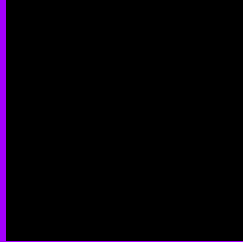
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.7040, 86.9139, 76.5586

Background



This preview shows how black text looks on a background with the YUV color 78.7040, 86.9139, 76.5586.



This preview shows how white text looks on a background with the YUV color 78.7040, 86.9139,

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



Protanopia

88.3450, 66.8779, -77.4786

Deuteranopia

88.4470, 52.0376, -77.5680

Tritanopia

112.1600, -2.5439, 22.6617

Trichromacy



Protanomaly

84.6460, 74.1245, -21.6145

Deuteranomaly

84.8280, 64.6678, -21.7742

Tritanomaly

100.1740, 29.9872, 41.9434

Monochromacy



Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.8410, 31.6304, 28.2034

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7040, 86.9139, 76.5586 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(166, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(166, 0, 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(166, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 0, 255) }
```

Border

The CSS property to change the border of an element to YUV 78.7040, 86.9139, 76.5586 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(166, 0, 255) }
```

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

```
.border{ border-color:rgb(166, 0, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 0, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(166, 0,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 78.7040, 86.9139, 76.5586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 0, 255) }
```

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

```
.background{ background-color: rgb(166, 0,  
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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