

Converting Colors

YUV(92.9770, 79.3843, 64.9182)

Have a look what the booklet for
YUV(92.9770, 79.3843, 64.9182)
contains.

YUV(92.9770, 79.3843, 64.9182)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(92.9770, 79.3843,
64.9182)**

Conversions

Conversions Part 1

Format	Color
Hex	A718FE
RGB	167, 24, 254
RGB Percent	65%, 9%, 100%
CMY	0.3451, 0.9059, 0.0039
CMYK	0.34, 0.91, 0.00, 0.00
HSL	277°, 99%, 55%
HSV	277°, 91%, 100%
XYZ	34.1524, 16.0245, 95.0589
YIQ	92.9770, 11.3980, 101.8460

Conversions

Conversions Part 2

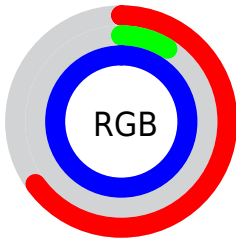
Format	Color
RYB	167, 24, 254
Decimal	10950910
CIELab	47.01, 83.89, -82.52
CIELCh	47, 117.669, 315.471
Yxy	16.0245, 0.2352, 0.1103
Android (android.graphics.Color)	4289140990 (0xFFA718FE)
YUV	92.9770, 79.3843, 64.9182
Hunter-Lab	40.0306, 82.2348, -112.7719

Details

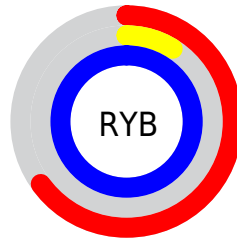
The YUV color **92.9770, 79.3843, 64.9182** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **185.0230, -79.3843, -64.9182**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8930, 49.8458, 65.8688**, and **53.7390, 70.1347, 44.9559** is the 20% darker color. If you saturate the color by 10%, you get **76.1980, 87.6564, 71.7404**, and if you desaturate by 10%, it is **110.6420, 70.6755, 58.1960**.

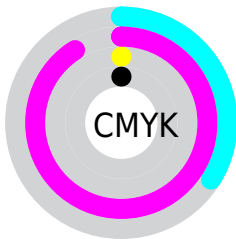
Distribution



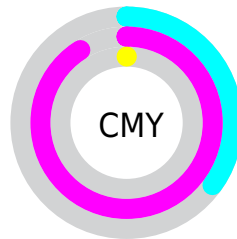
- Red (65%)
- Green (9%)
- Blue (100%)



- Red (65%)
- Yellow (9%)
- Blue (100%)



- Cyan (34%)
- Magenta (91%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (91%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.9770, 79.3843, 64.9182 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 92.9770, 79.3843, 64.9182 by changing the saturation by 10% instead.

92.9770, 79.3843,
64.9182

92.9770, 79.3843,
64.9182

255.0000, 0.0000,
0.0000

66.3140, 78.2322,
61.1146

153.8930, 49.8458,
65.8688

53.7390, 70.1347,
44.9559

179.2770, 37.3314,
66.4091

40.6800, 62.7688,
27.4676

196.3000, 28.9391,
51.4799

25.8270, 56.2873,
6.2907

213.9100, 20.2574,
36.0359

12.9960, 49.7950,
-11.3975

230.9330, 11.8650,
21.1068

10.0320, 38.4382,
-8.7981

248.5430, 3.1833,

11.2910, 25.4925,

5.6628

-9.9022

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 92.9770, 79.3843,
64.9182

■ 92.9770, 79.3843,
64.9182

■ 76.1980, 87.6564,
71.7404

■ 110.6420, 70.6755,
58.1960

■ 128.5950, 61.8247,
50.3442

■ 146.2600, 53.1158,
43.6220

■ 164.2130, 44.2650,
35.7702

■ 181.8780, 35.5561,
29.0480

■ 199.5430, 26.8473,
22.3258

■ 217.4960, 17.9965,
14.4740

■ 235.1610, 9.2876,
7.7518

■ 253.1140, 0.4368,
-0.1000

Harmonies

Analogous

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



94.2270, 79.2611, -82.6371



92.9770, 79.3843, 64.9182



94.3430, 34.3409, 139.1422

Triad

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



92.9770, 79.3843, 64.9182



104.5680, -51.5520, 61.7689



104.2840, 28.9470, -91.4571

Complementary

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



92.9770, 79.3843, 64.9182



185.0230, -79.3843, -64.9182

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.



90.3250, -16.9222, -79.2150



92.9770, 79.3843, 64.9182



98.2140, -48.4195, -9.8347

Square

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



92.9770, 79.3843, 64.9182



70.8630, -34.9355, 145.7021



80.4190, -39.6466, -70.5275



115.3590, 68.8430, -101.1698

Rectangle

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



92.9770, 79.3843, 64.9182



87.5310, 5.6542, 146.8703



80.4190, -39.6466, -70.5275



99.7070, 13.9484, -87.4430

Sweetspot

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



92.9770, 79.3843, 64.9182



206.7230, 23.8006, 19.5369



101.8760, 74.9971, -68.2973



99.1490, 14.2235, 11.2703



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.



92.9770, 79.3843, 64.9182



76.6110, 87.9458, 72.2552



115.9120, 54.7664, 121.1032



118.8740, 4.4991, 3.6185



57.3550, 65.8870, 54.0627



19.2560, 22.0588, 18.1925

Inverse Universe

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



102.6880, 4.0978, 132.7006



87.1890, 4.3438, 147.1702



162.0880, -54.7664, -121.1032



119.4570, 0.2677, 7.4922



65.3170, 3.2947, 110.2240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 92.9770, 79.3843, 64.9182 looks on a white background.

Color Contrast Check

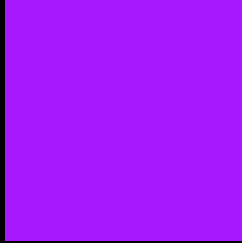
Large Text (above 18pt) WCAG AA ✓ Pass

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 92.9770, 79.3843, 64.9182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

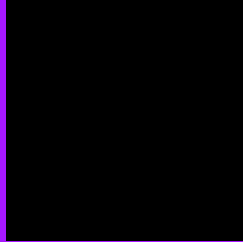
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 92.9770, 79.3843, 64.9182

Background



This preview shows how black text looks on a background with the YUV color 92.9770, 79.3843, 64.9182.



This preview shows how white text looks on a background with the YUV color 92.9770, 79.3843,

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

92.9770, 79.3843, 64.9182

Protanopia

89.2740, 67.8989, -78.2933

Deuteranopia

89.8490, 52.3324, -78.7976



Tritanopia

113.5730, -2.2545, 23.1765

Trichromacy



Original Color

92.9770, 79.3843, 64.9182



Protanomaly

90.4560, 72.2462, -25.8329



Deuteranomaly

91.1110, 62.0633, -26.4073



Tritanomaly

106.1690, 27.5247, 38.4398

Monochromacy



Original Color

92.9770, 79.3843, 64.9182



Achromatopsia

93.0000, 0.0000, 0.0000



Achromatomaly

93.1240, 29.0259, 23.5703

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.9770, 79.3843, 64.9182 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(167, 24, 254)` looks like.

```
.text, #text, p{  
    color:rgb(167, 24, 254)  
}
```

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(167, 24, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 24, 254) }
```

Border

The CSS property to change the border of an element to YUV 92.9770, 79.3843, 64.9182 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(167, 24, 254) }
```


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

```
.border{ border-color:rgb(167, 24, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 24, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 24, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 24, 254);  
box-shadow:4px 4px 4px 4px rgb(167, 24,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 92.9770, 79.3843, 64.9182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 24, 254) }
```

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

```
.background{ background-color: rgb(167, 24,  
254) }
```

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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