

Converting Colors

YUV(94.9420, 78.9086, 30.7459)

Have a look what the booklet for
YUV(94.9420, 78.9086, 30.7459)
contains.

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Color

**YUV(94.9420, 78.9086,
30.7459)**

Conversions

Conversions Part 1

Format	Color
Hex	822EFF
RGB	130, 46, 255
RGB Percent	51%, 18%, 100%
CMY	0.4902, 0.8196, 0.0000
CMYK	0.49, 0.82, 0.00, 0.00
HSL	264°, 100%, 59%
HSV	264°, 82%, 100%
XYZ	28.2329, 13.9198, 95.8065
YIQ	94.9420, -17.0250, 82.8070

Conversions

Conversions Part 2

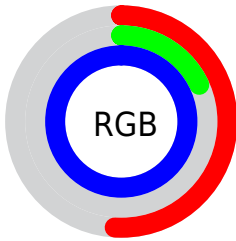
Format	Color
R _Y B	130, 46, 255
Decimal	8531711
CIE Lab	44.12, 74.48, -88.00
CIE LCh	44, 115.290, 310.246
Yxy	13.9198, 0.2046, 0.1009
Android (android.graphics.Color)	4286721791 (0xFF822EFF)
YUV	94.9420, 78.9086, 30.7459
Hunter-Lab	37.3093, 69.7845, -126.1343

Details

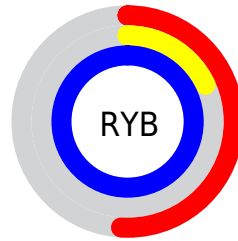
The YUV color **94.9420, 78.9086, 30.7459** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **206.0580, -78.9086, -30.7459**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8250, 52.8373, 39.6185**, and **40.6970, 77.0574, 17.8057** is the 20% darker color. If you saturate the color by 10%, you get **75.7820, 88.3545, 34.3942**, and if you desaturate by 10%, it is **114.6890, 69.1733, 26.5827**.

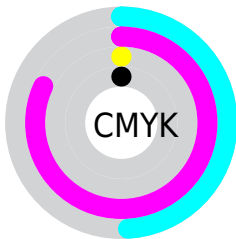
Distribution



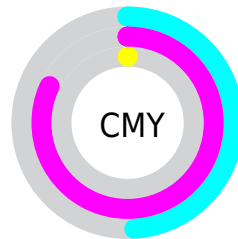
- Red (51%)
- Green (18%)
- Blue (100%)



- Red (51%)
- Yellow (18%)
- Blue (100%)



- Cyan (49%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)





- Cyan (49%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.9420, 78.9086, 30.7459 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 94.9420, 78.9086, 30.7459 by changing the saturation by 10% instead.


 94.9420, 78.9086,
30.7459


 94.9420, 78.9086,
30.7459


255.0000, 0.0000,
0.0000


 55.9410, 83.8391,
36.0087


 147.8250, 52.8373,
39.6185


 40.6970, 77.0574,
17.8057


 173.5300, 40.1647,
44.2622


 19.2660, 73.8189,
-16.8963


 199.2350, 27.4921,
48.9059

 16.0740, 61.5885,
-14.0969

 216.2580, 19.0998,
33.9767

 12.9960, 49.7950,
-11.3975

 233.2810, 10.7075,
19.0476

 14.8420, 36.5599,
-13.0164

 250.3040, 2.3151,

 11.4050, 25.9293,

4.1184

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 94.9420, 78.9086,
30.7459

■ 94.9420, 78.9086,
30.7459

■ 75.7820, 88.3545,
34.3942

■ 114.6890, 69.1733,
26.5827

■ 59.5680, 96.3480,
37.2129

■ 134.1480, 59.5800,
23.5492

■ 153.8950, 49.8448,
19.3861

■ 173.0550, 40.3989,
15.7378

■ 192.8020, 30.6636,
11.5746

■ 212.2610, 21.0703,
8.5411

■ 232.0080, 11.3351,
4.3780

■ 251.1680, 1.8892,
0.7297

■ 255.0000, 0.0000,
0.0000

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



94.9420, 78.9086, 30.7459



89.2750, 40.7834, 126.0468

Triad

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



94.9420, 78.9086, 30.7459



95.7740, -47.2166, 71.2352



96.0370, 20.1948, -84.2244

Complementary

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



94.9420, 78.9086, 30.7459



206.0580, -78.9086, -30.7459

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.



81.9640, -26.1113, -71.8824



94.9420, 78.9086, 30.7459



94.7470, -46.7103, 1.9759

Square

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



94.9420, 78.9086, 30.7459



69.6670, -34.3458, 143.2430



75.1360, -37.0420, -65.8943



107.1120, 60.0908, -93.9372

Rectangle

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



94.9420, 78.9086, 30.7459



88.6710, 10.0222, 145.8705



75.1360, -37.0420, -65.8943



91.5740, 5.6330, -80.3104

Sweetspot

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



94.9420, 78.9086, 30.7459



206.0700, 24.1225, 9.5856



143.2010, 55.1169, -85.2453



98.2300, 14.6766, 5.9373



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.



94.9420, 78.9086, 30.7459



63.6990, 94.3114, 37.0980



126.0380, 63.5783, 94.6827



117.9770, 4.9413, 1.7742



44.7970, 72.0781, 28.2420



15.0700, 24.1225, 9.5856

Inverse Universe

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



122.7410, 23.7917, 115.9911



96.8500, 28.6680, 138.6976



174.9620, -63.5783, -94.6827



119.6850, 1.1413, 7.2923



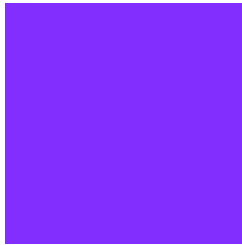
70.1050, 21.6402, 106.0249



23.4680, 7.1643, 35.5466

Previews

White Background



This preview shows how the YUV color 94.9420, 78.9086, 30.7459 looks on a white background.

Color Contrast Check

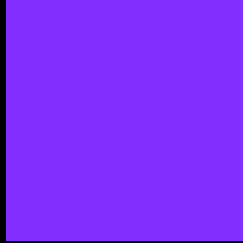
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.9420, 78.9086, 30.7459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

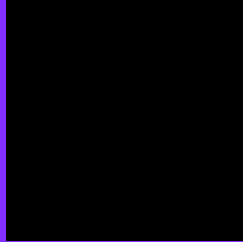
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 94.9420, 78.9086, 30.7459

Background



This preview shows how black text looks on a background with the YUV color 94.9420, 78.9086, 30.7459.



This preview shows how white text looks on a background with the YUV color 94.9420, 78.9086,

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

94.9420, 78.9086, 30.7459

Protanopia

82.7540, 63.2253, -72.5753

Deuteranopia

83.4430, 48.0956, -73.1795



Tritanopia

102.5410, 6.1423, -10.1215

Trichromacy



Original Color

94.9420, 78.9086, 30.7459



Protanomaly

86.8910, 69.0737, -34.9844



Deuteranomaly

87.6600, 59.3276, -35.6588



Tritanomaly

99.6270, 32.7219, 4.7121

Monochromacy



Original Color

94.9420, 78.9086, 30.7459



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.9330, 28.6270, 11.4598

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.9420, 78.9086, 30.7459 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(130, 46, 255)` looks like.

```
.text, #text, p{  
    color:rgb(130, 46, 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(130, 46, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 46, 255) }
```

Border

The CSS property to change the border of an element to YUV 94.9420, 78.9086, 30.7459 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(130, 46, 255) }
```


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

```
.border{ border-color:rgb(130, 46, 255) }
```

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

Here you see how a box with a 4 pixel rgb(130, 46, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 46, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 46, 255);  
box-shadow:4px 4px 4px 4px rgb(130, 46,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 94.9420, 78.9086, 30.7459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 46, 255) }
```

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

```
.background{ background-color: rgb(130, 46,  
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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