

Converting Colors

YUV(95.8390, 78.4664, 32.5902)

Have a look what the booklet for
YUV(95.8390, 78.4664, 32.5902)
contains.

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Color

**YUV(95.8390, 78.4664,
32.5902)**

Conversions

Conversions Part 1

Format	Color
Hex	852EFF
RGB	133, 46, 255
RGB Percent	52%, 18%, 100%
CMY	0.4784, 0.8196, 0.0000
CMYK	0.48, 0.82, 0.00, 0.00
HSL	265°, 100%, 59%
HSV	265°, 82%, 100%
XYZ	28.6999, 14.1605, 95.8283
YIQ	95.8390, -15.2370, 83.4430

Conversions

Conversions Part 2

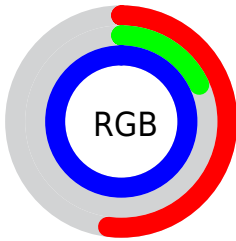
Format	Color
R _Y B	133, 46, 255
Decimal	8728319
CIE Lab	44.46, 74.83, -87.42
CIE LCh	44, 115.071, 310.563
Yxy	14.1605, 0.2069, 0.1021
Android (android.graphics.Color)	4286918399 (0xFF852EFF)
YUV	95.8390, 78.4664, 32.5902
Hunter-Lab	37.6305, 70.2843, -124.6443

Details

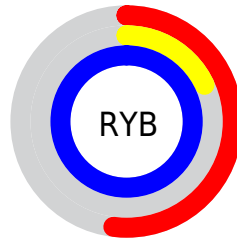
The YUV color **95.8390, 78.4664, 32.5902** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **205.1610, -78.4664, -32.5902**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7220, 52.3951, 41.4628**, and **41.8930, 76.4678, 20.2648** is the 20% darker color. If you saturate the color by 10%, you get **76.6790, 87.9123, 36.2385**, and if you desaturate by 10%, it is **115.5860, 68.7311, 28.4271**.

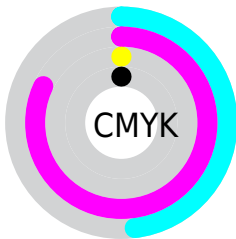
Distribution



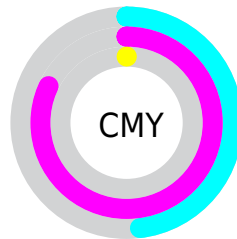
- Red (52%)
- Green (18%)
- Blue (100%)



- Red (52%)
- Yellow (18%)
- Blue (100%)



- Cyan (48%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8390, 78.4664, 32.5902 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 95.8390, 78.4664, 32.5902 by changing the saturation by 10% instead.

95.8390, 78.4664,
32.5902

95.8390, 78.4664,
32.5902

255.0000, 0.0000,
0.0000

56.5500, 83.5388,
38.9826

148.7220, 52.3951,
41.4628

41.8930, 76.4678,
20.2648

174.4270, 39.7225,
46.1065

21.3590, 72.7870,
-12.5928

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

14.2550, 36.8493,
-12.5016

250.8910, 2.0257,

11.4050, 25.9293,

3.6036

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 95.8390, 78.4664,
32.5902

■ 95.8390, 78.4664,
32.5902

■ 76.6790, 87.9123,
36.2385

■ 115.5860, 68.7311,
28.4271

■ 60.7640, 95.7583,
39.6720

■ 134.7460, 59.2852,
24.7788

■ 154.4930, 49.5500,
20.6156

■ 173.6530, 40.1041,
16.9673

■ 193.1010, 30.5162,
12.1894

■ 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



95.8390, 78.4664, 32.5902



89.4600, 40.1992, 126.7616

Triad

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



95.8390, 78.4664, 32.5902



96.3610, -47.5060, 70.7204



96.7380, 20.3422, -84.8392

Complementary

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



95.8390, 78.4664, 32.5902



205.1610, -78.4664, -32.5902

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.



82.7790, -25.5270, -72.5972



95.8390, 78.4664, 32.5902



95.6330, -47.1471, 2.0759

Square

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



95.8390, 78.4664, 32.5902



69.9660, -34.4932, 143.8578



75.7230, -37.3314, -66.4091



107.9270, 60.6750, -94.6520

Rectangle

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



95.8390, 78.4664, 32.5902



88.5570, 9.5854, 145.9705



75.7230, -37.3314, -66.4091



92.3890, 6.2172, -81.0252

Sweetspot

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



95.8390, 78.4664, 32.5902



206.3690, 23.9751, 10.2004



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.



95.8390, 78.4664, 32.5902



64.5960, 93.8692, 38.9423



126.0380, 63.5783, 94.6827



117.9770, 4.9413, 1.7742



45.6940, 71.6359, 30.0864



15.3690, 23.9751, 10.2004

Inverse Universe

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



122.3990, 22.4813, 116.2911



96.3940, 26.9208, 139.0975



174.9620, -63.5783, -94.6827



119.6850, 1.1413, 7.2923



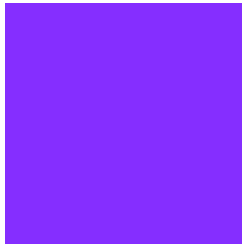
69.8770, 20.7666, 106.2249



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 95.8390, 78.4664, 32.5902 looks on a white background.

Color Contrast Check

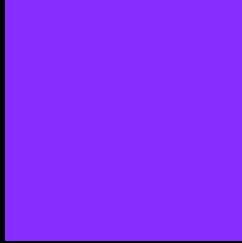
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.8390, 78.4664, 32.5902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

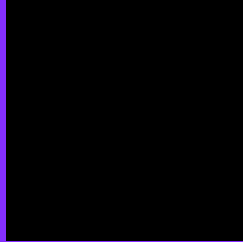
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.8390, 78.4664, 32.5902

Background



This preview shows how black text looks on a background with the YUV color 95.8390, 78.4664, 32.5902.



This preview shows how white text looks on a background with the YUV color 95.8390, 78.4664,

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

95.8390, 78.4664, 32.5902

Protanopia

83.5690, 63.8095, -73.2900

Deuteranopia

84.2580, 48.6798, -73.8943



Tritanopia

104.0360, 5.4053, -7.0476

Trichromacy



Original Color

95.8390, 78.4664, 32.5902



Protanomaly

87.8910, 69.0737, -34.9844



Deuteranomaly

88.0730, 59.6170, -35.1440



Tritanomaly

100.8230, 32.1323, 7.1712

Monochromacy



Original Color

95.8390, 78.4664, 32.5902



Achromatopsia

96.0000, 0.0000, 0.0000



Achromatomaly

95.9330, 28.6270, 11.4598

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8390, 78.4664, 32.5902 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(133, 46, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 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(133, 46, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 46, 255) }
```

Border

The CSS property to change the border of an element to YUV 95.8390, 78.4664, 32.5902 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(133, 46, 255) }
```


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

```
.border{ border-color:rgb(133, 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(133, 46, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 46, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 46, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 46,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 95.8390, 78.4664, 32.5902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 46, 255) }
```

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

```
.background{ background-color: rgb(133, 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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