

Converting Colors

YUV(97.0350, 77.8767, 35.0493)

Have a look what the booklet for
YUV(97.0350, 77.8767, 35.0493)
contains.

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Color

**YUV(97.0350, 77.8767,
35.0493)**

Conversions

Conversions Part 1

Format	Color
Hex	892EFF
RGB	137, 46, 255
RGB Percent	54%, 18%, 100%
CMY	0.4627, 0.8196, 0.0000
CMYK	0.46, 0.82, 0.00, 0.00
HSL	266°, 100%, 59%
HSV	266°, 82%, 100%
XYZ	29.3435, 14.4924, 95.8585
YIQ	97.0350, -12.8530, 84.2910

Conversions

Conversions Part 2

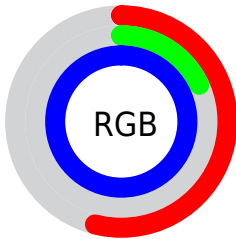
Format	Color
R _Y B	137, 46, 255
Decimal	8990463
CIE Lab	44.93, 75.30, -86.63
CIE LCh	45, 114.781, 310.996
Yxy	14.4924, 0.2101, 0.1037
Android (android.graphics.Color)	4287180543 (0xFF892EFF)
YUV	97.0350, 77.8767, 35.0493
Hunter-Lab	38.0688, 70.9677, -122.6459

Details

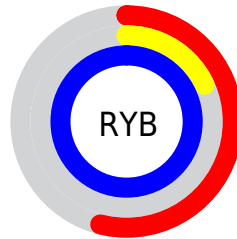
The YUV color **97.0350, 77.8767, 35.0493** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **203.9650, -77.8767, -35.0493**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2060, 51.6634, 42.7923**, and **43.3880, 75.7307, 23.3387** is the 20% darker color. If you saturate the color by 10%, you get **78.1740, 87.1752, 39.3124**, and if you desaturate by 10%, it is **116.4830, 68.2889, 30.2714**.

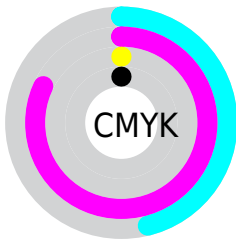
Distribution



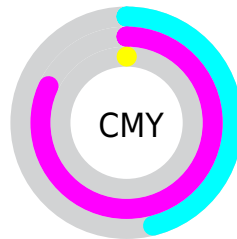
- Red (54%)
- Green (18%)
- Blue (100%)



- Red (54%)
- Yellow (18%)
- Blue (100%)



- Cyan (46%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (46%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.0350, 77.8767, 35.0493 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 97.0350, 77.8767, 35.0493 by changing the saturation by 10% instead.

97.0350, 77.8767,
35.0493

97.0350, 77.8767,
35.0493

255.0000, 0.0000,
0.0000

57.1590, 83.2386,
41.9566

150.2060, 51.6634,
42.7923

43.3880, 75.7307,
23.3387

175.9110, 38.9909,
47.4361

26.1430, 70.4285,
-2.7564

199.8220, 27.2028,
48.3911

16.0740, 61.5885,
-14.0969

216.8450, 18.8104,
33.4619

12.9960, 49.7950,
-11.3975

233.8680, 10.4181,
18.5328

13.0810, 37.4281,
-11.4720

250.8910, 2.0257,

11.4050, 25.9293,

3.6036

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 97.0350, 77.8767,
35.0493

■ 97.0350, 77.8767,
35.0493

■ 78.1740, 87.1752,
39.3124

■ 116.4830, 68.2889,
30.2714

■ 62.2590, 95.0213,
42.7459

■ 135.6430, 58.8430,
26.6231

■ 155.0910, 49.2551,
21.8452

■ 174.2510, 39.8093,
18.1969

■ 193.6990, 30.2214,
13.4190

■ 212.5600, 20.9229,
9.1559

■ 232.3070, 11.1876,
4.9928

■ 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



97.0350, 77.8767, 35.0493



90.0580, 39.9044, 127.9911

Triad

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



97.0350, 77.8767, 35.0493



97.8340, -48.2322, 70.3056



97.6670, 21.3632, -85.6540

Complementary

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



97.0350, 77.8767, 35.0493



203.9650, -77.8767, -35.0493

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.



83.8220, -24.0692, -73.5119



97.0350, 77.8767, 35.0493



96.2200, -47.4365, 1.5611

Square

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



97.0350, 77.8767, 35.0493



69.9660, -34.4932, 143.8578



76.3100, -37.6208, -66.9239



109.3290, 60.9698, -95.8815

Rectangle

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



97.0350, 77.8767, 35.0493



88.5570, 9.5854, 145.9705



76.3100, -37.6208, -66.9239



93.2040, 6.8014, -81.7399

Sweetspot

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



97.0350, 77.8767, 35.0493



206.6680, 23.8277, 10.8152



139.0920, 57.1426, -81.6417



98.5290, 14.5292, 6.5521



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.



97.0350, 77.8767, 35.0493



66.0910, 93.1321, 42.0162



128.1310, 62.5464, 98.9861



117.9770, 4.9413, 1.7742



46.5910, 71.1936, 31.9307



15.6680, 23.8277, 10.8152

Inverse Universe

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



121.9430, 20.7341, 116.6910



95.8240, 24.7368, 139.5974



172.8690, -62.5464, -98.9861



119.6850, 1.1413, 7.2923



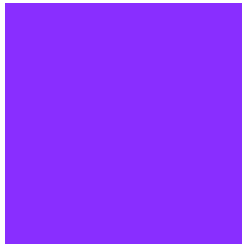
69.4210, 19.0194, 106.6248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 97.0350, 77.8767, 35.0493 looks on a white background.

Color Contrast Check

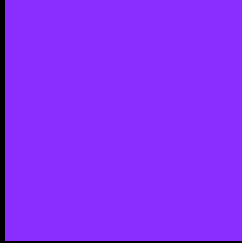
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.0350, 77.8767, 35.0493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

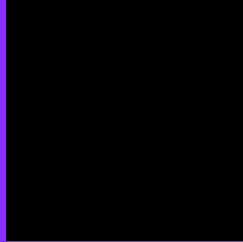
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.0350, 77.8767, 35.0493

Background



This preview shows how black text looks on a background with the YUV color 97.0350, 77.8767, 35.0493.



This preview shows how white text looks on a background with the YUV color 97.0350, 77.8767,

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

97.0350, 77.8767, 35.0493

Protanopia

84.4980, 64.8305, -74.1047

Tritanopia

105.5310, 4.6682, -3.9737

Trichromacy



Original Color

97.0350, 77.8767, 35.0493

Protanomaly

89.3040, 69.3631, -34.4696

Tritanomaly

102.3180, 31.3952, 10.2451

Monochromacy



Original Color

97.0350, 77.8767, 35.0493

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8300, 28.1848, 13.3041

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0350, 77.8767, 35.0493 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(137, 46, 255)` looks like.

```
.text, #text, p{  
    color:rgb(137, 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(137, 46, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 46, 255) }
```

Border

The CSS property to change the border of an element to YUV 97.0350, 77.8767, 35.0493 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(137, 46, 255) }
```

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

```
.border{ border-color:rgb(137, 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(137, 46, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 46, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 46, 255);  
box-shadow:4px 4px 4px 4px rgb(137, 46,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 97.0350, 77.8767, 35.0493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 46, 255) }
```

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

```
.background{ background-color: rgb(137, 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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