

Converting Colors

YUV(95.2850, 78.7395, 38.3381)

Have a look what the booklet for
YUV(95.2850, 78.7395, 38.3381)
contains.

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Color

**YUV(95.2850, 78.7395,
38.3381)**

Conversions

Conversions Part 1

Format	Color
Hex	8B2AFF
RGB	139, 42, 255
RGB Percent	55%, 16%, 100%
CMY	0.4549, 0.8353, 0.0000
CMYK	0.45, 0.84, 0.00, 0.00
HSL	267°, 100%, 58%
HSV	267°, 84%, 100%
XYZ	29.5254, 14.3649, 95.8243
YIQ	95.2850, -10.5610, 86.8070

Conversions

Conversions Part 2

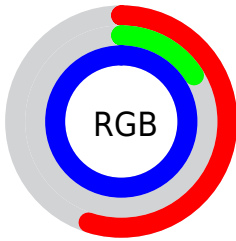
Format	Color
R _Y B	139, 42, 255
Decimal	9120511
CIE Lab	44.75, 76.77, -86.92
CIE LCh	45, 115.964, 311.451
Yxy	14.3649, 0.2113, 0.1028
Android (android.graphics.Color)	4287310591 (0xFF8B2AFF)
YUV	95.2850, 78.7395, 38.3381
Hunter-Lab	37.9011, 72.7270, -123.3707

Details

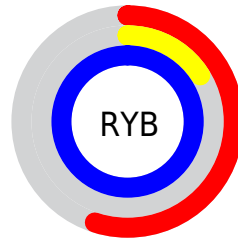
The YUV color **95.2850, 78.7395, 38.3381** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **201.7150, -78.7395, -38.3381**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0430, 52.2368, 45.5663**, and **44.2850, 75.2885, 25.1831** is the 20% darker color. If you saturate the color by 10%, you get **75.8370, 88.3274, 43.1160**, and if you desaturate by 10%, it is **114.1460, 69.4410, 34.0750**.

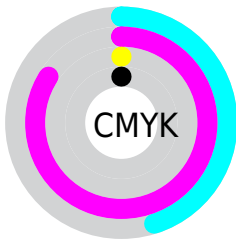
Distribution



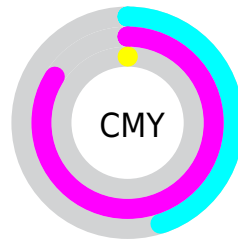
- Red (55%)
- Green (16%)
- Blue (100%)



- Red (55%)
- Yellow (16%)
- Blue (100%)



- Cyan (45%)
- Magenta (84%)
- Yellow (0%)
- Black (0%)



- Cyan (45%)
- Magenta (84%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.2850, 78.7395, 38.3381 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 95.2850, 78.7395, 38.3381 by changing the saturation by 10% instead.

95.2850, 78.7395,
38.3381

95.2850, 78.7395,
38.3381

255.0000, 0.0000,
0.0000

57.7570, 82.9438,
43.1861

149.0430, 52.2368,
45.5663

44.2850, 75.2885,
25.1831

174.7480, 39.5642,
50.2100

27.6380, 69.6915,
0.3175

198.6480, 27.7815,
49.4207

16.0740, 61.5885,
-14.0969

215.6710, 19.3892,
34.4915

12.9960, 49.7950,
-11.3975

232.6940, 10.9969,
19.5624

12.4940, 37.7175,
-10.9572

249.7170, 2.6045,

11.4050, 25.9293,

4.6332

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 95.2850, 78.7395,
38.3381

■ 95.2850, 78.7395,
38.3381

■ 75.8370, 88.3274,
43.1160

■ 114.1460, 69.4410,
34.0750

■ 63.7540, 94.2843,
45.8197

■ 133.5940, 59.8532,
29.2971

■ 153.0420, 50.2653,
24.5192

■ 171.9030, 40.9668,
20.2561

■ 191.0520, 31.5264,
14.8634

■ 209.9130, 22.2279,
10.6003

■ 229.3610, 12.6400,
5.8224

■ 248.2220, 3.3416,
1.5593

■ 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



95.2850, 78.7395, 38.3381



90.5420, 39.1728, 129.3207

Triad

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



95.2850, 78.7395, 38.3381



97.2360, -47.9373, 69.0760



97.7810, 21.8000, -85.7539

Complementary

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



95.2850, 78.7395, 38.3381



201.7150, -78.7395, -38.3381

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



95.2850, 78.7395, 38.3381



95.3230, -46.9942, -0.2833

Square

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



95.2850, 78.7395, 38.3381



69.9660, -34.4932, 143.8578



76.3100, -37.6208, -66.9239



108.9700, 62.1328, -95.5667

Rectangle

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



95.2850, 78.7395, 38.3381



88.3290, 8.7118, 146.1705



76.3100, -37.6208, -66.9239



93.4320, 7.6750, -81.9399

Sweetspot

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



95.2850, 78.7395, 38.3381



206.9670, 23.6803, 11.4299



134.9610, 59.1792, -81.5268



98.8280, 14.3818, 7.1668



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.



95.2850, 78.7395, 38.3381



63.7540, 94.2843, 45.8197



126.6800, 63.2618, 102.8896



118.2760, 4.7939, 2.3889



47.7870, 70.6040, 34.3898



15.9670, 23.6803, 11.4299

Inverse Universe

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



118.9110, 19.2709, 119.3501



92.0910, 23.1261, 142.8712



170.3200, -63.2618, -102.8896



119.6850, 1.1413, 7.2923



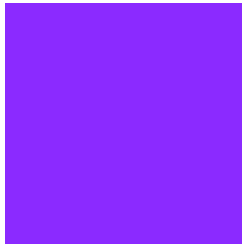
68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 95.2850, 78.7395, 38.3381 looks on a white background.

Color Contrast Check

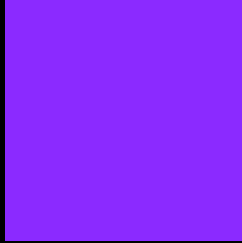
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.2850, 78.7395, 38.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

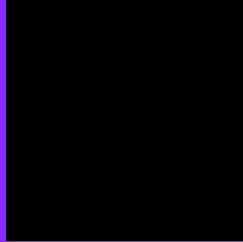
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 95.2850, 78.7395, 38.3381

Background



This preview shows how black text looks on a background with the YUV color 95.2850, 78.7395, 38.3381.



This preview shows how white text looks on a background with the YUV color 95.2850, 78.7395,

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

95.2850, 78.7395, 38.3381

Protanopia

84.3840, 64.3937, -74.0048

Deuteranopia

84.9590, 48.8272, -74.5090



Tritanopia

105.6130, 3.6418, -1.4146

Trichromacy



Original Color

95.2850, 78.7395, 38.3381

Protanomaly

88.4290, 69.7945, -32.8252

Deuteranomaly

89.0840, 59.6116, -33.3997

Tritanomaly

101.9270, 31.0950, 13.2190

Monochromacy



Original Color

95.2850, 78.7395, 38.3381

Achromatopsia

95.0000, 0.0000, 0.0000

Achromatomaly

95.2430, 28.4742, 13.8189

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.2850, 78.7395, 38.3381 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(139, 42, 255)` looks like.

```
.text, #text, p{  
  color:rgb(139, 42, 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(139, 42, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 42, 255) }
```

Border

The CSS property to change the border of an element to YUV 95.2850, 78.7395, 38.3381 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(139, 42, 255) }
```


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

```
.border{ border-color:rgb(139, 42, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 42, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 42, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 42, 255);  
box-shadow:4px 4px 4px 4px rgb(139, 42,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 95.2850, 78.7395, 38.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 42, 255) }
```

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

```
.background{ background-color: rgb(139, 42,  
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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