

Converting Colors

YUV(84.9640, 82.3487, 47.3896)

Have a look what the booklet for
YUV(84.9640, 82.3487, 47.3896)
contains.

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Color

**YUV(84.9640, 82.3487,
47.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	8B19FC
RGB	139, 25, 252
RGB Percent	55%, 10%, 99%
CMY	0.4549, 0.9020, 0.0118
CMYK	0.45, 0.90, 0.00, 0.01
HSL	270°, 97%, 54%
HSV	270°, 90%, 99%
XYZ	28.5658, 13.2125, 93.1401
YIQ	84.9640, -4.9230, 94.7650

Conversions

Conversions Part 2

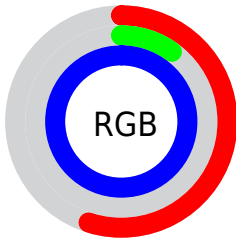
Format	Color
R_{YB}	139, 25, 252
Decimal	9116156
CIE _{Lab}	43.08, 80.26, -87.99
CIE _{LCh}	43, 119.094, 312.368
Yxy	13.2125, 0.2117, 0.0979
Android (android.graphics.Color)	4287306236 (0xFF8B19FC)
YUV	84.9640, 82.3487, 47.3896
Hunter-Lab	36.3490, 76.6679, -126.4795

Details

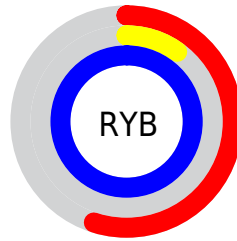
The YUV color **84.9640, 82.3487, 47.3896** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **192.0360, -82.3487, -47.3896**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1730, 55.1307, 50.7143**, and **43.9430, 73.9781, 25.4830** is the 20% darker color. If you saturate the color by 10%, you get **66.7010, 91.3524, 52.8822**, and if you desaturate by 10%, it is **103.5260, 73.1977, 42.5117**.

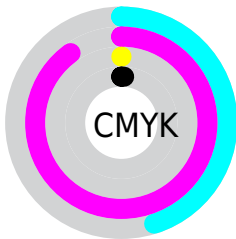
Distribution



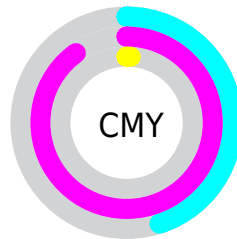
- Red (55%)
- Green (10%)
- Blue (99%)



- Red (55%)
- Yellow (10%)
- Blue (99%)



- Cyan (45%)
- Magenta (90%)
- Yellow (0%)
- Black (1%)





- Cyan (45%)
- Magenta (90%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.9640, 82.3487, 47.3896 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 84.9640, 82.3487, 47.3896 by changing the saturation by 10% instead.


 84.9640, 82.3487,
47.3896


 84.9640, 82.3487,
47.3896


255.0000, 0.0000,
0.0000


 57.4150, 81.6334,
43.4860


 143.1730, 55.1307,
50.7143


 43.9430, 73.9781,
25.4830


 169.7640, 42.0213,
55.4580


 26.9970, 68.5285,
0.0026


 193.3650, 30.3861,
54.0539

 15.7320, 60.2781,
-13.7970

 210.3880, 21.9937,
39.1247

 12.7680, 48.9214,
-11.1975

 227.4110, 13.6014,
24.1956

 13.3260, 35.8283,
-11.6869

 245.0210, 4.9196,

 10.5900, 25.3451,

8.7516

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 84.9640, 82.3487,
47.3896

■ 84.9640, 82.3487,
47.3896

■ 66.7010, 91.3524,
52.8822

■ 103.5260, 73.1977,
42.5117

■ 121.7890, 64.1940,
37.0190

■ 140.9380, 54.7536,
31.6264

■ 159.2010, 45.7499,
26.1337

■ 177.7630, 36.5988,
21.2558

■ 196.0260, 27.5952,
15.7632

■ 214.5880, 18.4441,
10.8853

■ 233.4380, 9.1511,
4.8779

■ 252.0000, 0.0000,
0.0000

Harmonies

Analogous

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



91.2920, 80.7080, -80.0631



84.9640, 82.3487, 47.3896



89.5590, 36.6994, 129.3058

Triad

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



84.9640, 82.3487, 47.3896



93.6810, -46.1847, 66.9318



94.8460, 23.2469, -83.1799

Complementary

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



84.9640, 82.3487, 47.3896



192.0360, -82.3487, -47.3896

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.



80.6590, -23.4959, -70.7379



84.9640, 82.3487, 47.3896



90.8710, -44.7994, -4.2719

Square

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



84.9640, 82.3487, 47.3896



68.7700, -33.9036, 141.3987



73.9620, -36.4633, -64.8647



106.8500, 64.1639, -93.7074

Rectangle

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



84.9640, 82.3487, 47.3896



87.6450, 6.0910, 146.7703



73.9620, -36.4633, -64.8647



90.3830, 8.6852, -79.2659

Sweetspot

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



84.9640, 82.3487, 47.3896



204.3310, 24.9798, 14.6187



117.7960, 66.1626, -81.3821



97.6540, 14.9606, 8.1964



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.



84.9640, 82.3487, 47.3896



67.3420, 92.5154, 53.1971



118.7510, 65.6918, 116.8594



115.5750, 4.6465, 3.0037



49.9510, 68.5512, 39.5080



16.2230, 22.0751, 12.9594

Inverse Universe

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



105.7550, 15.8968, 128.2569



90.7230, 17.8846, 144.0709



158.2490, -65.6918, -116.8594



116.6850, 1.1413, 7.2923



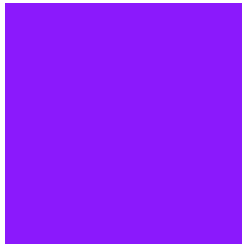
67.2270, 13.1991, 106.7949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 84.9640, 82.3487, 47.3896 looks on a white background.

Color Contrast Check

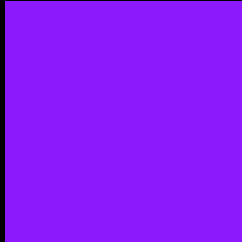
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.9640, 82.3487, 47.3896 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 84.9640, 82.3487, 47.3896

Background



This preview shows how black text looks on a background with the YUV color 84.9640, 82.3487, 47.3896.



This preview shows how white text looks on a background with the YUV color 84.9640, 82.3487,

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

84.9640, 82.3487, 47.3896

Protanopia

81.1240, 62.0569, -71.1457

Deuteranopia

81.9270, 47.3640, -71.8500



Tritanopia

102.1080, 2.9048, 1.6593

Trichromacy



Original Color

84.9640, 82.3487, 47.3896

Protanomaly

82.3480, 69.3414, -27.4922

Deuteranomaly

83.2310, 60.0321, -28.2666

Tritanomaly

96.0740, 31.5155, 18.3521

Monochromacy



Original Color

84.9640, 82.3487, 47.3896

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0200, 30.0631, 17.5225

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9640, 82.3487, 47.3896 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, 25, 252)` looks like.

```
.text, #text, p{  
    color:rgb(139, 25, 252)  
}
```

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, 25, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 25, 252) }
```

Border

The CSS property to change the border of an element to YUV 84.9640, 82.3487, 47.3896 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, 25, 252) }
```


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

```
.border{ border-color:rgb(139, 25, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 25, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 25, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 25, 252);  
box-shadow:4px 4px 4px 4px rgb(139, 25,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 84.9640, 82.3487, 47.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 25, 252) }
```

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

```
.background{ background-color: rgb(139, 25,  
252) }
```

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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