

Converting Colors

YUV(94.4840, 66.8094, 38.1635)

Have a look what the booklet for
YUV(94.4840, 66.8094, 38.1635)
contains.

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Color

**YUV(94.4840, 66.8094,
38.1635)**

Conversions

Conversions Part 1

Format	Color
Hex	8A2EE6
RGB	138, 46, 230
RGB Percent	54%, 18%, 90%
CMY	0.4588, 0.8196, 0.0980
CMYK	0.40, 0.80, 0.00, 0.10
HSL	270°, 79%, 54%
HSV	270°, 80%, 90%
XYZ	25.7412, 13.0704, 76.0290
YIQ	94.4840, -4.2320, 76.7280

Conversions

Conversions Part 2

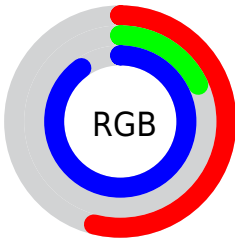
Format	Color
R _{YB}	138, 46, 230
Decimal	9055974
CIE _{Lab}	42.87, 69.75, -75.94
CIE _{LCh}	43, 103.106, 312.568
Yxy	13.0704, 0.2241, 0.1138
Android (android.graphics.Color)	4287246054 (0xFF8A2EE6)
YUV	94.4840, 66.8094, 38.1635
Hunter-Lab	36.1531, 63.8250, -99.3784

Details

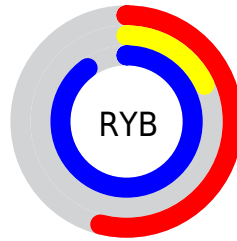
The YUV color **94.4840, 66.8094, 38.1635** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **181.5160, -66.8094, -38.1635**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7330, 52.3896, 43.2072**, and **42.4460, 64.3631, 29.4269** is the 20% darker color. If you saturate the color by 10%, you get **77.6940, 75.0869, 43.2414**, and if you desaturate by 10%, it is **111.5730, 58.3845, 33.7005**.

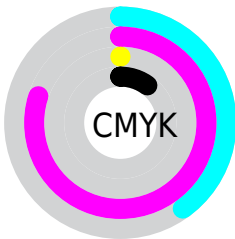
Distribution



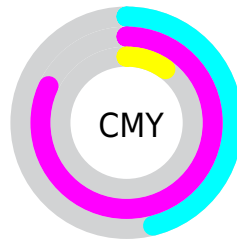
- Red (54%)
- Green (18%)
- Blue (90%)



- Red (54%)
- Yellow (18%)
- Blue (90%)



- Cyan (40%)
- Magenta (80%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (82%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4840, 66.8094, 38.1635 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 94.4840, 66.8094, 38.1635 by changing the saturation by 10% instead.

94.4840, 66.8094,
38.1635

94.4840, 66.8094,
38.1635

255.0000, 0.0000,
0.0000

57.5540, 70.7189,
44.2411

148.7330, 52.3896,
43.2072

42.4460, 64.3631,
29.4269

174.4380, 39.7171,
47.8509

28.9030, 57.7288,
10.6091

198.6480, 27.7815,
49.4207

13.5660, 51.9790,
-11.8974

215.6710, 19.3892,
34.4915

10.6020, 40.6222,
-9.2980

232.6940, 10.9969,
19.5624

12.4480, 27.3871,
-10.9169

249.7170, 2.6045,

6.8910, 18.7877,

4.6332

-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 94.4840, 66.8094,
38.1635

■ 94.4840, 66.8094,
38.1635

■ 77.6940, 75.0869,
43.2414

■ 111.5730, 58.3845,
33.7005

■ 60.6050, 83.5117,
47.7044

■ 128.3630, 50.1070,
28.6226

■ 145.4520, 41.6822,
24.1596

■ 162.2420, 33.4047,
19.0818

■ 179.0320, 25.1272,
14.0039

■ 196.1210, 16.7023,
9.5409

■ 213.2100, 8.2775,
5.0778

■ 230.0000, 0.0000,
0.0000

■ 247.0890, -8.4249,
-4.4631

Harmonies

Analogous

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



89.5310, 81.5762, -78.5187



94.4840, 66.8094, 38.1635



83.4500, 35.2741, 119.7544

Triad

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



94.4840, 66.8094, 38.1635



94.5230, -46.5998, 60.0543



93.1020, 21.6417, -81.6505

Complementary

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



94.4840, 66.8094, 38.1635



181.5160, -66.8094, -38.1635

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.



80.7390, -18.1123, -70.8081



94.4840, 66.8094, 38.1635



91.1920, -44.9577, -0.1684

Square

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



94.4840, 66.8094, 38.1635



64.2850, -31.6925, 132.1771



72.2010, -35.5951, -63.3203



102.3360, 57.0224, -89.7487

Rectangle

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



94.4840, 66.8094, 38.1635



82.3340, 7.7233, 136.5191



72.2010, -35.5951, -63.3203



89.0950, 8.8272, -78.1363

Sweetspot

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



94.4840, 66.8094, 38.1635



209.9240, 22.2225, 12.3447



120.9800, 53.7469, -65.7575



100.6000, 13.5082, 7.3668



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.



94.4840, 66.8094, 38.1635



74.7070, 88.8844, 51.1230



121.9920, 53.2479, 94.7230



106.1620, 4.3571, 2.4889



47.0170, 65.0676, 36.8191



13.5880, 18.4441, 10.8853

Inverse Universe

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



111.5040, 13.0625, 103.9210



97.2770, 17.6114, 138.3231



154.0080, -53.2479, -94.7230



107.2720, 0.8519, 6.7775



63.6670, 12.4892, 101.1470



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 94.4840, 66.8094, 38.1635 looks on a white background.

Color Contrast Check

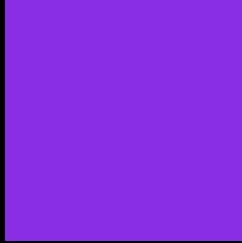
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.4840, 66.8094, 38.1635 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 94.4840, 66.8094, 38.1635

Background



This preview shows how black text looks on a background with the YUV color 94.4840, 66.8094, 38.1635.



This preview shows how white text looks on a background with the YUV color 94.4840, 66.8094,

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

94.4840, 66.8094, 38.1635

Protanopia

81.0100, 61.6201, -71.0458

Deuteranopia

81.3400, 47.6534, -71.3352



Tritanopia

102.0980, 1.4307, 7.8071

Trichromacy



Original Color

94.4840, 66.8094, 38.1635



Protanomaly

85.8330, 63.6793, -31.4255



Deuteranomaly

86.1290, 54.6594, -31.6851



Tritanomaly

99.0650, 25.1110, 19.2370

Monochromacy



Original Color

94.4840, 66.8094, 38.1635



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

94.3910, 23.9642, 13.6891

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4840, 66.8094, 38.1635 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(138, 46, 230)` looks like.

```
.text, #text, p{  
  color:rgb(138, 46, 230)  
}
```

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(138, 46, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 46, 230) }
```

Border

The CSS property to change the border of an element to YUV 94.4840, 66.8094, 38.1635 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(138, 46, 230) }
```


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

```
.border{ border-color:rgb(138, 46, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 46, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 46, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 46, 230);  
box-shadow:4px 4px 4px 4px rgb(138, 46,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 94.4840, 66.8094, 38.1635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 46, 230) }
```

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

```
.background{ background-color: rgb(138, 46,  
230) }
```

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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