

Converting Colors

YUV(87.8140, 15.8677, 44.0131)

Have a look what the booklet for
YUV(87.8140, 15.8677, 44.0131)
contains.

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Color

**YUV(87.8140, 15.8677,
44.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	8A3878
RGB	138, 56, 120
RGB Percent	54%, 22%, 47%
CMY	0.4588, 0.7804, 0.5294
CMYK	0.00, 0.59, 0.13, 0.46
HSL	313°, 42%, 38%
HSV	313°, 59%, 54%
XYZ	15.2856, 9.5877, 18.8143
YIQ	87.8140, 28.3280, 37.2880

Conversions

Conversions Part 2

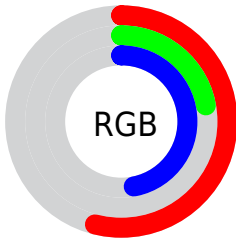
Format	Color
R_{YB}	138, 56, 120
Decimal	9058424
CIE _{Lab}	37.09, 43.06, -19.86
CIE _{LCh}	37, 47.419, 335.242
Yxy	9.5877, 0.3499, 0.2195
Android (android.graphics.Color)	4287248504 (0xFF8A3878)
YUV	87.8140, 15.8677, 44.0131
Hunter-Lab	30.9640, 33.9307, -14.3509

Details

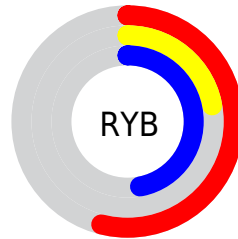
The YUV color **87.8140, 15.8677, 44.0131** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **106.1860, -15.8677, -44.0131**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.4230, 15.5675, 46.9870**, and **33.5090, 18.4831, 45.1576** is the 20% darker color. If you saturate the color by 10%, you get **79.2540, 18.6088, 51.5202**, and if you desaturate by 10%, it is **96.3740, 13.1266, 36.5060**.

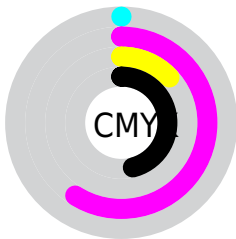
Distribution



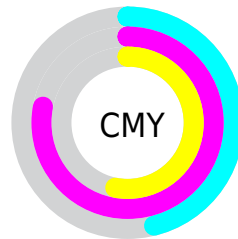
- Red (54%)
- Green (22%)
- Blue (47%)



- Red (54%)
- Yellow (22%)
- Blue (47%)



- Cyan (0%)
- Magenta (59%)
- Yellow (13%)
- Black (46%)



- Cyan (46%)
- Magenta (78%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.8140, 15.8677, 44.0131 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 87.8140, 15.8677, 44.0131 by changing the saturation by 10% instead.

87.8140, 15.8677,
44.0131

87.8140, 15.8677,
44.0131

255.0000, 0.0000,
0.0000

61.6290, 16.4519,
43.2984

140.4230, 15.5675,
46.9870

33.5090, 18.4831,
45.1576

167.8360, 15.8569,
47.5018

23.5260, 12.5587,
31.9877

195.5480, 15.9988,
48.6314

14.5540, 6.6289,
20.5621

216.2580, 19.0998,
33.9767

0.0000, 0.0000,
0.0000

232.6940, 10.9969,
19.5624

249.7170, 2.6045,

4.6332

■ 87.8140, 15.8677,
44.0131

■ 87.8140, 15.8677,
44.0131

■ 79.2540, 18.6088,
51.5202

■ 96.3740, 13.1266,
36.5060

■ 70.6940, 21.3499,
59.0274

■ 104.9340, 10.3855,
28.9989

■ 62.7210, 23.8015,
66.0197

■ 112.9070, 7.9338,
22.0066

■ 54.1610, 26.5426,
73.5268

■ 121.4670, 5.1928,
14.4994

■ 53.5740, 26.8320,
74.0416

■ 130.0270, 2.4517,
6.9923

■ 138.5870, -0.2894,
-0.5148

■ 147.1470, -3.0305,
-8.0219

■ 155.1200, -5.4822,
-15.0142

■ 163.6800, -8.2232,
-22.5214

Harmonies

Analogous

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



89.2420, 29.9537, 5.9268



87.8140, 15.8677, 44.0131



83.2820, -0.6320, 62.8967

Triad

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



87.8140, 15.8677, 44.0131



81.2570, -40.0597, 15.5606



75.9820, 27.1239, -66.6362

Complementary

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



87.8140, 15.8677, 44.0131



106.1860, -15.8677, -44.0131

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.



72.2370, 10.2362, -63.3518



87.8140, 15.8677, 44.0131



76.4040, -29.7792, -15.2633

Square

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



87.8140, 15.8677, 44.0131



82.9750, -35.4837, 41.2409



66.5030, -6.6570, -58.3231



76.5980, 39.6382, -67.1764

Rectangle

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



87.8140, 15.8677, 44.0131



83.0680, -12.8515, 62.2074



66.5030, -6.6570, -58.3231



75.2010, 21.5929, -65.9513

Sweetspot

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



87.8140, 15.8677, 44.0131



158.7170, 6.0555, 17.7882



70.7300, 33.1641, 2.8678



77.3910, 3.7512, 10.1811



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8140, 15.8677, 44.0131



101.2590, 24.5223, 68.1789



83.1400, -2.0410, 48.1122



64.6630, 1.1521, 3.8035



51.5090, 25.3851, 71.4676



1.9510, 1.0102, 2.6740

Inverse Universe

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



87.8140, 15.8677, 44.0131



101.2590, 24.5223, 68.1789



110.8600, 2.0410, -48.1122



64.6630, 1.1521, 3.8035



51.5090, 25.3851, 71.4676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 87.8140, 15.8677, 44.0131 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 ✓ Pass

Black Background



This preview shows how the YUV color 87.8140, 15.8677, 44.0131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

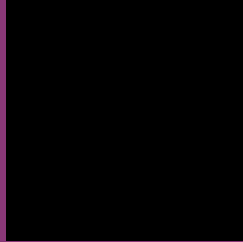
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.8140, 15.8677, 44.0131

Background



This preview shows how black text looks on a background with the YUV color 87.8140, 15.8677, 44.0131.



This preview shows how white text looks on a background with the YUV color 87.8140, 15.8677,

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

87.8140, 15.8677, 44.0131

Protanopia

86.4470, 28.8666, -18.8090

Deuteranopia

88.6970, 12.9674, -5.8733



Tritanopia

88.0050, -7.3975, 39.4606

Trichromacy



Original Color

87.8140, 15.8677, 44.0131

Protanomaly

87.0370, 24.1388, 4.3526

Deuteranomaly

88.4480, 14.0761, 11.8851

Tritanomaly

88.1930, 0.8909, 41.0497

Monochromacy



Original Color

87.8140, 15.8677, 44.0131

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7060, 6.0609, 16.0438

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8140, 15.8677, 44.0131 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, 56, 120)` looks like.

```
.text, #text, p{  
    color:rgb(138, 56, 120)  
}
```

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, 56, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 56, 120) }
```

Border

The CSS property to change the border of an element to YUV 87.8140, 15.8677, 44.0131 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, 56, 120) }
```


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

```
.border{ border-color:rgb(138, 56, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 56, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 56, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 56, 120);  
box-shadow:4px 4px 4px 4px rgb(138, 56,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 87.8140, 15.8677, 44.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 56, 120) }
```

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

```
.background{ background-color: rgb(138, 56,  
120) }
```

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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