

Converting Colors

YUV(83.3750, 11.6471, 44.3981)

Have a look what the booklet for
YUV(83.3750, 11.6471, 44.3981)
contains.

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Color

**YUV(83.3750, 11.6471,
44.3981)**

Conversions

Conversions Part 1

Format	Color
Hex	86356B
RGB	134, 53, 107
RGB Percent	53%, 21%, 42%
CMY	0.4745, 0.7922, 0.5804
CMYK	0.00, 0.60, 0.20, 0.47
HSL	320°, 43%, 37%
HSV	320°, 60%, 53%
XYZ	13.7585, 8.6761, 14.8594
YIQ	83.3750, 30.9420, 33.9660

Conversions

Conversions Part 2

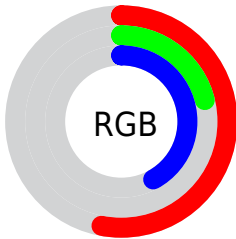
Format	Color
RYB	134, 53, 107
Decimal	8795499
CIELab	35.35, 41.18, -14.43
CIELCh	35, 43.637, 340.689
Yxy	8.6761, 0.3689, 0.2326
Android (android.graphics.Color)	4286985579 (0xFF86356B)
YUV	83.3750, 11.6471, 44.3981
Hunter-Lab	29.4552, 31.8305, -9.2917

Details

The YUV color **83.3750, 11.6471, 44.3981** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **103.6250, -11.6471, -44.3981**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.5710, 11.0575, 46.8572**, and **31.0590, 14.2679, 43.7983** is the 20% darker color. If you saturate the color by 10%, you get **75.2880, 13.6620, 51.4904**, and if you desaturate by 10%, it is **91.4620, 9.6322, 37.3058**.

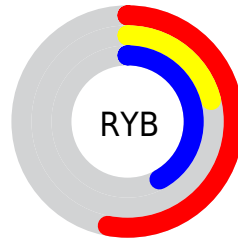
Distribution



Red (53%)

Green (21%)

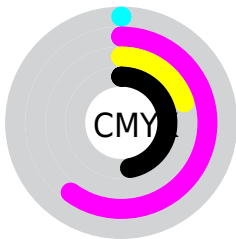
Blue (42%)



Red (53%)

Yellow (21%)

Blue (42%)

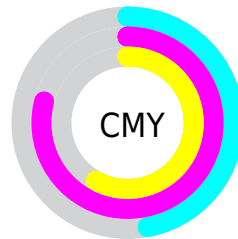


Cyan (0%)

Magenta (60%)

Yellow (20%)

Black (47%)



Cyan (47%)

Magenta (79%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.3750, 11.6471, 44.3981 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 83.3750, 11.6471, 44.3981 by changing the saturation by 10% instead.

83.3750, 11.6471,
44.3981

83.3750, 11.6471,
44.3981

255.0000, 0.0000,
0.0000

57.3040, 12.6681,
43.5834

135.5710, 11.0575,
46.8572

31.0590, 14.2679,
43.7983

162.5820, 11.0521,
48.6016

21.0760, 8.3435,
30.6283

190.2940, 11.1941,
49.7312

11.3920, 2.2717,
18.0732

212.4280, 14.5790,
37.3356

0.0000, 0.0000,
0.0000

230.3460, 12.1544,
21.6216

247.3690, 3.7621,

6.6924

■ 83.3750, 11.6471,
44.3981

■ 83.3750, 11.6471,
44.3981

■ 75.2880, 13.6620,
51.4904

■ 91.4620, 9.6322,
37.3058

■ 66.5000, 15.5295,
59.1975

■ 100.2500, 7.7648,
29.5988

■ 58.4130, 17.5444,
66.2898

■ 108.3370, 5.7499,
22.5065

■ 50.2120, 19.1225,
73.4821

■ 117.1250, 3.8824,
14.7994

■ 125.2120, 1.8675,
7.7071

■ 133.4130, 0.2894,
0.5148

■ 142.0870, -2.0149,
-7.0923

■ 150.2880, -3.5930,
-14.2846

■ 158.9620, -5.8973,
-21.8917

Harmonies

Analogous

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



85.3200, 24.9852, 12.8744



83.3750, 11.6471, 44.3981



80.0380, -3.9627, 57.8487

Triad

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



83.3750, 11.6471, 44.3981



76.5060, -37.7175, 10.9572



72.1180, 27.5498, -63.2475

Complementary

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



83.3750, 11.6471, 44.3981



103.6250, -11.6471, -44.3981

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.



68.9430, 12.8461, -60.4630



83.3750, 11.6471, 44.3981



72.9780, -23.6532, -20.1517

Square

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



83.3750, 11.6471, 44.3981



79.2730, -34.1516, 33.9636



64.2520, -2.5892, -56.3490



71.5770, 38.1695, -62.7730

Rectangle

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



83.3750, 11.6471, 44.3981



80.1550, -14.8664, 55.1151



64.2520, -2.5892, -56.3490



71.5650, 22.8925, -62.7625

Sweetspot

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



83.3750, 11.6471, 44.3981



153.6630, 4.6031, 16.9585



70.3070, 31.4006, 8.5008



75.0490, 2.4408, 10.4810



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



83.3750, 11.6471, 44.3981



94.2500, 18.1178, 69.0637



78.8150, -5.8248, 48.3972



62.2500, 0.8628, 3.2888



48.7880, 18.8385, 71.2229



1.1250, 0.4314, 1.6444

Inverse Universe

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



83.3750, 11.6471, 44.3981



94.2500, 18.1178, 69.0637



108.1850, 5.8248, -48.3972



62.2500, 0.8628, 3.2888



48.7880, 18.8385, 71.2229



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 83.3750, 11.6471, 44.3981 looks on a white background.

Color Contrast Check

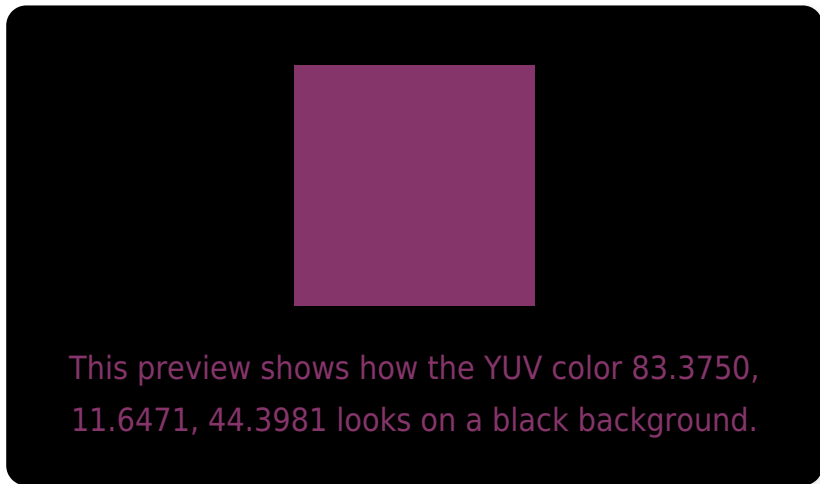
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

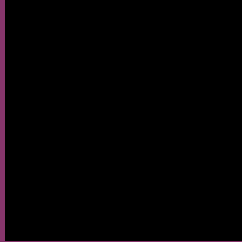
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.3750, 11.6471, 44.3981

Background



This preview shows how black text looks on a background with the YUV color 83.3750, 11.6471, 44.3981.



This preview shows how white text looks on a background with the YUV color 83.3750, 11.6471,

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

83.3750, 11.6471, 44.3981

Protanopia

82.8730, 22.7406, -13.9206

Deuteranopia

84.5790, 8.5886, -1.3848



Tritanopia

83.4890, -8.1291, 40.7901

Trichromacy



Original Color

83.3750, 11.6471, 44.3981

Protanomaly

82.6800, 18.8918, 7.2966

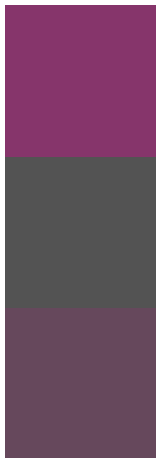
Deuteranomaly

84.0310, 9.8447, 15.7588

Tritanomaly

83.1500, -0.5669, 41.9645

Monochromacy



Original Color

83.3750, 11.6471, 44.3981

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2500, 4.3137, 16.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3750, 11.6471, 44.3981 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(134, 53, 107)` looks like.

```
.text, #text, p{  
  color:rgb(134, 53, 107)  
}
```

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(134, 53, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 53, 107) }
```

Border

The CSS property to change the border of an element to YUV 83.3750, 11.6471, 44.3981 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(134, 53, 107) }
```


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

```
.border{ border-color:rgb(134, 53, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 53, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 53, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 53, 107); box-shadow:4px 4px 4px 4px rgb(134, 53, 107) }
```

Background

The CSS property to change the background color of an element to YUV 83.3750, 11.6471, 44.3981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 53, 107) }
```

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

```
.background{ background-color: rgb(134, 53,  
107) }
```

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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