

Converting Colors

YUV(88.4110, -43.5866,
26.8266)

Have a look what the booklet for
YUV(88.4110, -43.5866, 26.8266)
contains.

YUV(88.4110, -43.5866, 26.8266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(88.4110, -43.5866,
26.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	775A00
RGB	119, 90, 0
RGB Percent	47%, 35%, 0%
CMY	0.5333, 0.6471, 1.0000
CMYK	0.00, 0.24, 1.00, 0.53
HSL	45°, 100%, 23%
HSV	45°, 100%, 47%
XYZ	11.2639, 11.2343, 1.5748
YIQ	88.4110, 46.1740, -21.8420

Conversions

Conversions Part 2

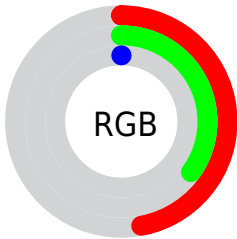
Format	Color
R_YB	38, 119, 0
Decimal	7821824
CIE Lab	39.97, 4.34, 47.78
CIE LCh	40, 47.972, 84.815
Yxy	11.2343, 0.4679, 0.4667
Android (android.graphics.Color)	4286011904 (0xFF775A00)
YUV	88.4110, -43.5866, 26.8266
Hunter-Lab	33.5176, 1.3310, 20.6767

Details

The YUV color **88.4110, -43.5866, 26.8266** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **30.5890, 43.5866, -26.8266**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.0030, -41.4135, 29.8154**, and **46.1490, -22.7515, 17.4093** is the 20% darker color. If you saturate the color by 10%, you get **88.4110, -43.5866, 26.8266**, and if you desaturate by 10%, it is **91.5400, -39.2132, 24.0824**.

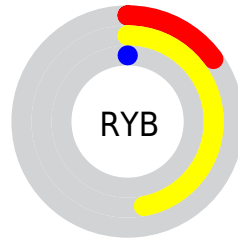
Distribution



Red (47%)

Green (35%)

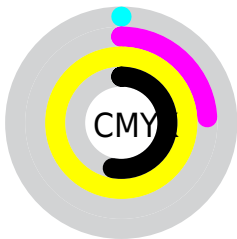
Blue (0%)



Red (15%)

Yellow (47%)

Blue (0%)

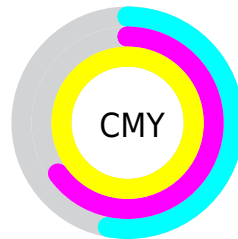


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (53%)



Cyan (53%)


Magenta (65%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 88.4110, -43.5866, 26.8266 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 88.4110, -43.5866, 26.8266 by changing the saturation by 10% instead.


 88.4110, -43.5866,
26.8266


 88.4110, -43.5866,
26.8266


 253.9740, -3.9312,
0.8998


 66.8370, -32.9506,
22.0680


 141.0030,
-41.4135, 29.8154


 46.1490, -22.7515,
17.4093


 167.7860,
-42.2925, 31.7597


 26.6350, -13.1311,
11.7211

 195.2700,
-43.0241, 33.0892

 3.2890, -1.6215,
6.7625


 221.2480,
-43.0133, 29.6005


 0.0000, 0.0000,
0.0000


 240.7620,
-39.3227, 12.4867


 247.4760,


-28.8287, 6.5985


 250.6680,
-16.5983, 3.7992


 88.4110, -43.5866,
26.8266

 91.5400, -39.2132,
24.0824

 94.6690, -34.8398,
21.3383

 97.7980, -30.4664,
18.5942

 100.9270,
-26.0930, 15.8500

 103.3550,
-21.8670, 13.7207

■ 106.4840,
-17.4936, 10.9765

■ 109.6130,
-13.1202, 8.2324

■ 112.7420, -8.7468,
5.4883

■ 115.8710, -4.3734,
2.7441

Harmonies

Analogous

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



90.6970, -30.4166, 49.3777



88.4110, -43.5866, 26.8266



85.5320, -37.2373, -3.0976

Triad

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



88.4110, -43.5866, 26.8266



80.1080, 22.6248, -70.2547



96.8280, 21.2838, 33.4768

Complementary

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



88.4110, -43.5866, 26.8266



30.5890, 43.5866, -26.8266

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.



93.9130, 35.5389, -12.2017



88.4110, -43.5866, 26.8266



81.9950, 37.4705, -71.9096

Square

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



88.4110, -43.5866, 26.8266



75.5480, 5.1528, -66.2556



78.8950, 45.9008, -69.1909



91.8670, 5.4886, 59.7526

Rectangle

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



88.4110, -43.5866, 26.8266



81.3360, -23.3366, -28.3587



78.8950, 45.9008, -69.1909



97.0050, 26.1265, 20.1666

Sweetspot

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



88.4110, -43.5866, 26.8266



143.5980, -17.0568, 10.8766



39.0010, -4.4375, 70.1591



71.6990, -10.2046, 6.4030



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



88.4110, -43.5866, 26.8266



115.9100, -57.1436, 35.1589



96.4640, -47.5568, -6.5459



57.1420, -2.0420, 1.6295



91.0690, -44.8970, 27.1265



185.6930, -91.5466, 56.3972

Inverse Universe

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



30.5890, 43.5866, -26.8266



40.0900, 57.1436, -35.1589



22.5360, 47.5568, 6.5459



54.2710, 2.3314, -1.1147



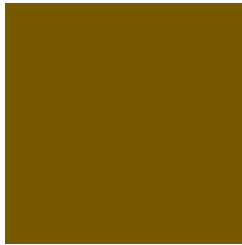
31.5180, 44.6076, -27.6413



64.3070, 91.5466, -56.3972

Previews

White Background



This preview shows how the YUV color 88.4110, -43.5866, 26.8266 looks on a white background.

Color Contrast Check

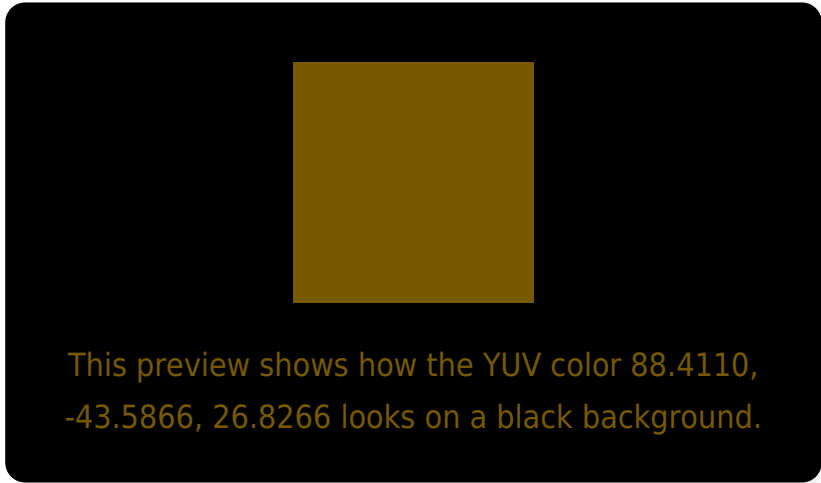
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

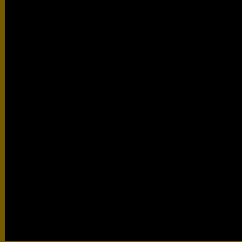
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.4110, -43.5866, 26.8266

Background



This preview shows how black text looks on a background with the YUV color 88.4110, -43.5866, 26.8266.



This preview shows how white text looks on a background with the YUV color 88.4110, -43.5866,

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

88.4110, -43.5866, 26.8266

Protanopia

88.4420, -40.6439, 16.2754

Deuteranopia

89.0520, -42.4236, 27.1414



Tritanopia

96.3450, -3.1281, 23.3764

Trichromacy



Original Color

88.4110, -43.5866, 26.8266

Protanomaly

88.2360, -41.5283, 19.9640

Deuteranomaly

88.9380, -42.8604, 27.2414

Tritanomaly

93.4580, -17.9738, 25.0313

Monochromacy



Original Color

88.4110, -43.5866, 26.8266

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.2280, -15.8884, 9.4470

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.4110, -43.5866, 26.8266 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(119, 90, 0)` looks like.

```
.text, #text, p{  
    color:rgb(119, 90, 0)  
}
```

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(119, 90, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 90, 0) }
```

Border

The CSS property to change the border of an element to YUV 88.4110, -43.5866, 26.8266 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(119, 90, 0) }
```


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

```
.border{ border-color:rgb(119, 90, 0) }
```

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

Here you see how a box with a 4 pixel rgb(119, 90, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 90, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 90, 0);  
box-shadow:4px 4px 4px 4px rgb(119, 90, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 88.4110, -43.5866, 26.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 90, 0) }
```

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

```
.background{ background-color: rgb(119, 90,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor