

Converting Colors

YUV(83.4150, -15.9806,
39.1010)

Have a look what the booklet for
YUV(83.4150, -15.9806, 39.1010)
contains.

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Color

**YUV(83.4150, -15.9806,
39.1010)**

Conversions

Conversions Part 1

Format	Color
Hex	804333
RGB	128, 67, 51
RGB Percent	50%, 26%, 20%
CMY	0.4980, 0.7373, 0.8000
CMYK	0.00, 0.48, 0.60, 0.50
HSL	12°, 43%, 35%
HSV	12°, 60%, 50%
XYZ	11.5068, 8.8425, 4.2323
YIQ	83.4150, 41.4920, 7.9560

Conversions

Conversions Part 2

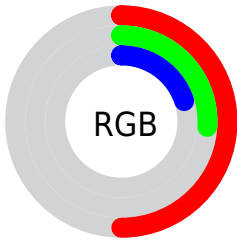
Format	Color
R_{YB}	128, 71, 51
Decimal	8405811
CIE Lab	35.68, 24.59, 21.35
CIE LCh	36, 32.569, 40.968
Yxy	8.8425, 0.4681, 0.3597
Android (android.graphics.Color)	4286595891 (0xFF804333)
YUV	83.4150, -15.9806, 39.1010
Hunter-Lab	29.7364, 17.0337, 12.3769

Details

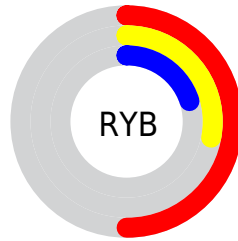
The YUV color **83.4150, -15.9806, 39.1010** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **95.5850, 15.9806, -39.1010**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2800, -17.8860, 43.6044**, and **35.4360, -14.5119, 34.6976** is the 20% darker color. If you saturate the color by 10%, you get **76.0630, -18.7651, 45.5487**, and if you desaturate by 10%, it is **90.7670, -13.1961, 32.6533**.

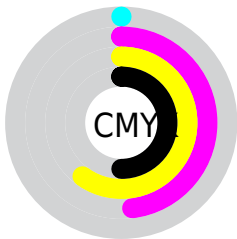
Distribution



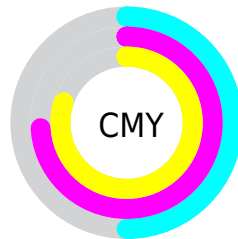
- Red (50%)
- Green (26%)
- Blue (20%)



- Red (50%)
- Yellow (28%)
- Blue (20%)



- Cyan (0%)
- Magenta (48%)
- Yellow (60%)
- Black (50%)



- Cyan (50%)
- Magenta (74%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4150, -15.9806, 39.1010 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 83.4150, -15.9806, 39.1010 by changing the saturation by 10% instead.

■ 83.4150, -15.9806,
39.1010

■ 83.4150, -15.9806,
39.1010

255.0000, 0.0000,
0.0000

■ 59.4470, -14.5174,
36.4420

■ 134.2800,
-17.8860, 43.6044

■ 35.4360, -14.5119,
34.6976

■ 161.0630,
-18.7651, 45.5487

■ 14.6510, -7.2229,
30.1241

■ 188.4330,
-19.9335, 46.9783

■ 4.4850, -2.2111,
9.2217

■ 211.2470,
-17.8698, 38.3714

■ 0.0000, 0.0000,
0.0000

■ 230.8750,
-13.7424, 21.1576

■ 251.0900, -9.9044,

3.4291

■ 83.4150, -15.9806,
39.1010

■ 83.4150, -15.9806,
39.1010

■ 76.0630, -18.7651,
45.5487

■ 90.7670, -13.1961,
32.6533

■ 68.7110, -21.5495,
51.9965

■ 98.1190, -10.4117,
26.2056

■ 61.4730, -23.8972,
58.3442

■ 105.3570, -8.0640,
19.8579

■ 54.1210, -26.6817,
64.7919

■ 113.2960, -5.5689,
12.8954

■ 120.6480, -2.7845,
6.4477

■ 128.0000, 0.0000,
0.0000

■ 135.3520, 2.7845,
-6.4477

■ 142.5900, 5.1321,
-12.7954

■ 149.9420, 7.9166,
-19.2431

Harmonies

Analogous

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



84.1240, -4.4981, 42.8643



83.4150, -15.9806, 39.1010



82.8620, -24.0890, 26.4310

Triad

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



83.4150, -15.9806, 39.1010



68.9590, -1.4588, -45.5680



80.8550, 26.6935, -21.7978

Complementary

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



83.4150, -15.9806, 39.1010



95.5850, 15.9806, -39.1010

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.



68.5790, 31.7596, -60.1438



83.4150, -15.9806, 39.1010



67.5410, 12.5513, -59.2335

Square

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



83.4150, -15.9806, 39.1010



77.1450, -16.8335, -14.1592



69.6900, 23.3238, -61.1181



86.1750, 18.1547, 10.3705

Rectangle

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



83.4150, -15.9806, 39.1010



81.3290, -25.7982, 14.6205



69.6900, 23.3238, -61.1181



76.1520, 29.5051, -36.9673

Sweetspot

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



83.4150, -15.9806, 39.1010



148.4920, -6.1586, 15.3545



81.0910, 15.7311, 41.1392



73.1430, -3.5215, 9.5216



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



83.4150, -15.9806, 39.1010



96.5550, -24.9236, 60.9033



105.7210, -26.9775, 19.5387



60.2670, -1.6106, 3.2738



53.5340, -26.3923, 65.3067



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.5850, 15.9806, -39.1010



115.4450, 24.9236, -60.9033



73.2790, 26.9775, -19.5387



60.7330, 1.6106, -3.2738



73.8790, 26.6817, -64.7919



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 83.4150, -15.9806, 39.1010 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 83.4150, -15.9806, 39.1010 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 83.4150, -15.9806, 39.1010

Background



This preview shows how black text looks on a background with the YUV color 83.4150, -15.9806, 39.1010.

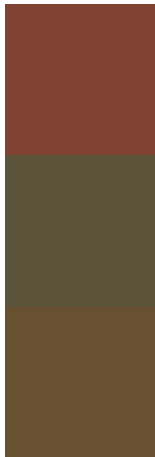


This preview shows how white text looks on a background with the YUV color 83.4150, -15.9806,

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

83.4150, -15.9806, 39.1010

Protanopia

83.1290, -12.3886, 6.9029

Deuteranopia

83.8160, -17.6573, 16.8244



Tritanopia

84.5920, -7.6869, 38.9458

Trichromacy



Original Color

83.4150, -15.9806, 39.1010

Protanomaly

83.1520, -13.8789, 18.2837

Deuteranomaly

83.6860, -17.1002, 24.8314

Tritanomaly

84.3810, -11.0338, 39.1309

Monochromacy



Original Color

83.4150, -15.9806, 39.1010

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.8940, -5.8637, 14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4150, -15.9806, 39.1010 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(128, 67, 51)` looks like.

```
.text, #text, p{  
    color:rgb(128, 67, 51)  
}
```

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(128, 67, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 67, 51) }
```

Border

The CSS property to change the border of an element to YUV 83.4150, -15.9806, 39.1010 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(128, 67, 51) }
```


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

```
.border{ border-color:rgb(128, 67, 51) }
```

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

Here you see how a box with a 4 pixel rgb(128, 67, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 67, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 67, 51);  
box-shadow:4px 4px 4px 4px rgb(128, 67,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 83.4150, -15.9806, 39.1010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 67, 51) }
```

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

```
.background{ background-color: rgb(128, 67,  
51) }
```

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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