

Converting Colors

YUV(83.1450, -40.0045,
44.5998)

Have a look what the booklet for
YUV(83.1450, -40.0045, 44.5998)
contains.

YUV(83.1450, -40.0045, 44.5998)	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(83.1450, -40.0045,
44.5998)**

Conversions

Conversions Part 1

Format	Color
Hex	864902
RGB	134, 73, 2
RGB Percent	53%, 29%, 1%
CMY	0.4745, 0.7137, 0.9922
CMYK	0.00, 0.46, 0.99, 0.47
HSL	32°, 97%, 27%
HSV	32°, 99%, 53%
XYZ	12.2250, 9.8378, 1.3120
YIQ	83.1450, 59.1470, -9.1490

Conversions

Conversions Part 2

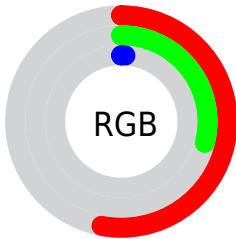
Format	Color
RYB	115, 134, 2
Decimal	8800514
CIELab	37.55, 21.57, 46.48
CIElCh	38, 51.238, 65.100
Yxy	9.8378, 0.5230, 0.4209
Android (android.graphics.Color)	4286990594 (0xFF864902)
YUV	83.1450, -40.0045, 44.5998
Hunter-Lab	31.3653, 14.6834, 19.4756

Details

The YUV color **83.1450, -40.0045, 44.5998** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **52.8550, 40.0045, -44.5998**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4060, -39.1472, 49.6329**, and **39.7580, -19.6007, 33.5382** is the 20% darker color. If you saturate the color by 10%, you get **82.3300, -40.5887, 45.3146**, and if you desaturate by 10%, it is **88.1490, -36.0625, 40.2113**.

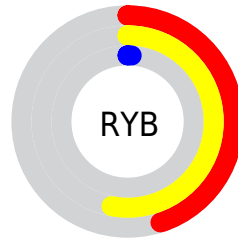
Distribution



Red (53%)

Green (29%)

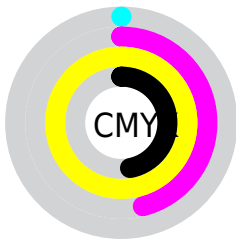
Blue (1%)



Red (45%)

Yellow (53%)

Blue (1%)

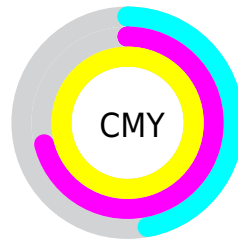


Cyan (0%)

Magenta (46%)

Yellow (99%)

Black (47%)



Cyan (47%)


Magenta (71%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the YUV color 83.1450, -40.0045, 44.5998 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 83.1450, -40.0045, 44.5998 by changing the saturation by 10% instead.


 83.1450, -40.0045,
44.5998


 83.1450, -40.0045,
44.5998


 253.6320, -5.2416,
1.1997

 61.0440, -30.0947,
39.4264


 135.4060,
-39.1472, 49.6329

 39.7580, -19.6007,
33.5382


 162.3740,
-40.6104, 52.2920

 18.7710, -9.2541,
28.2648

 190.4560,
-41.6368, 54.8511

 6.8770, -3.3904,
14.1399

 209.8670,
-38.3884, 39.5816


 0.0000, 0.0000,
0.0000


 229.2670,
-35.1346, 22.5678


 247.1340,


-30.1391, 6.8985


 250.3260,
-17.9087, 4.0991


 83.1450, -40.0045,
44.5998

 83.1450, -40.0045,
44.5998


 82.3300, -40.5887,
45.3146

 88.1490, -36.0625,
40.2113

 93.2670, -31.6836,
35.7228

 98.8580, -28.0310,
30.8195

 103.9760,
-23.6522, 26.3310

 108.9800,
-19.7101, 21.9425

■ 113.9840,
-15.7681, 17.5540

■ 119.1020,
-11.3893, 13.0655

■ 124.6930, -7.7366,
8.1622

■ 129.8110, -3.3578,
3.6738

Harmonies

Analogous

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



83.2440, -19.8403, 63.8070



83.1450, -40.0045, 44.5998



82.4420, -40.6439, 16.2754

Triad

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



83.1450, -40.0045, 44.5998



73.6390, 10.5310, -64.5814



90.3390, 32.8639, 5.8417

Complementary

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



83.1450, -40.0045, 44.5998



52.8550, 40.0045, -44.5998

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.



72.9110, 48.3579, -63.9429



83.1450, -40.0045, 44.5998



77.6120, 28.2923, -68.0657

Square

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



83.1450, -40.0045, 44.5998



67.4490, -8.1094, -59.1528



78.4560, 41.6802, -68.8059



88.0040, 17.7460, 48.2315

Rectangle

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



83.1450, -40.0045, 44.5998



78.1790, -38.5422, -4.5420



78.4560, 41.6802, -68.8059



87.1840, 37.8703, -13.3164

Sweetspot

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



83.1450, -40.0045, 44.5998



152.9840, -15.7681, 17.5540



48.5360, 7.6238, 74.9519



74.5470, -9.6367, 10.9213



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.



83.1450, -40.0045, 44.5998



106.3180, -52.4148, 58.4801



117.7560, -57.0677, 10.7380



63.5550, -1.7526, 2.1443



79.9600, -39.4203, 43.8851



1.4840, -0.7316, 1.3295

Inverse Universe

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



52.8550, 40.0045, -44.5998



66.6820, 52.4148, -58.4801



18.2440, 57.0677, -10.7380



62.4450, 1.7526, -2.1443



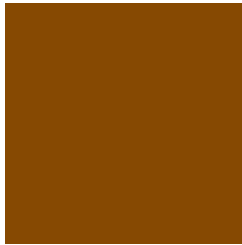
50.0400, 39.4203, -43.8851



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 83.1450, -40.0045, 44.5998 looks on a white background.

Color Contrast Check

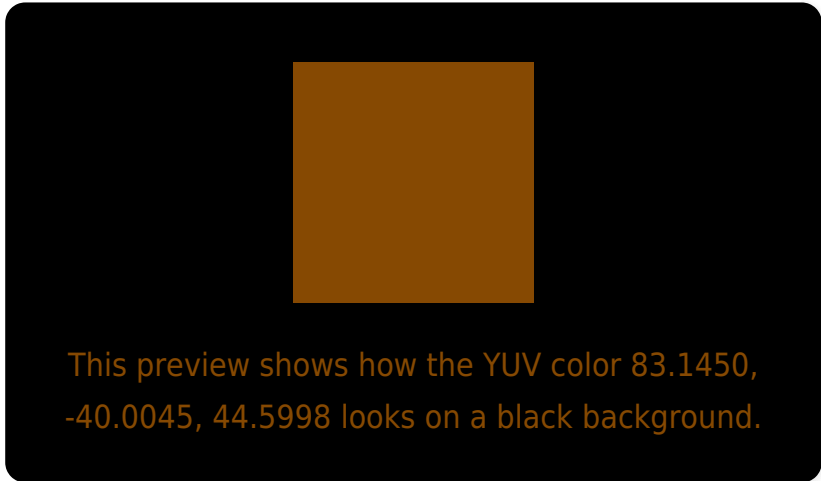
Large Text (above 18pt) WCAG AA ✓ Pass

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

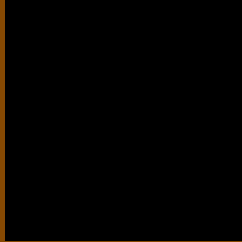
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1450, -40.0045, 44.5998

Background



This preview shows how black text looks on a background with the YUV color 83.1450, -40.0045, 44.5998.



This preview shows how white text looks on a background with the YUV color 83.1450, -40.0045,

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

83.1450, -40.0045, 44.5998

Protanopia

83.3970, -35.6917, 14.5608

Deuteranopia

83.6820, -41.2552, 25.7119



Tritanopia

88.9020, -7.8397, 41.3049

Trichromacy



Original Color

83.1450, -40.0045, 44.5998

Protanomaly

83.1210, -37.0347, 25.3269

Deuteranomaly

83.8400, -40.8401, 32.5893

Tritanomaly

86.8130, -19.6278, 42.2600

Monochromacy



Original Color

83.1450, -40.0045, 44.5998

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.0270, -14.3103, 16.6393

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1450, -40.0045, 44.5998 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, 73, 2)` looks like.

```
.text, #text, p{  
    color:rgb(134, 73, 2)  
}
```

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, 73, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 73, 2) }
```

Border

The CSS property to change the border of an element to YUV 83.1450, -40.0045, 44.5998 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, 73, 2) }
```


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

```
.border{ border-color:rgb(134, 73, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 73, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 73, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 73, 2);  
box-shadow:4px 4px 4px 4px rgb(134, 73, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.1450, -40.0045, 44.5998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 73, 2) }
```

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

```
.background{ background-color: rgb(134, 73,  
2) }
```

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