

Converting Colors

YUV(83.3130, -38.1153,
45.3295)

Have a look what the booklet for
YUV(83.3130, -38.1153, 45.3295)
contains.

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Color

**YUV(83.3130, -38.1153,
45.3295)**

Conversions

Conversions Part 1

Format	Color
Hex	874806
RGB	135, 72, 6
RGB Percent	53%, 28%, 2%
CMY	0.4706, 0.7176, 0.9765
CMYK	0.00, 0.47, 0.96, 0.47
HSL	31°, 91%, 28%
HSV	31°, 96%, 53%
XYZ	12.3419, 9.7988, 1.4132
YIQ	83.3130, 58.7340, -7.1700

Conversions

Conversions Part 2

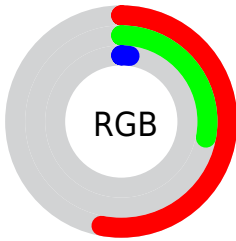
Format	Color
R_{YB}	129, 135, 6
Decimal	8865798
CIE Lab	37.48, 22.68, 45.20
CIE LCh	37, 50.575, 63.355
Yxy	9.7988, 0.5240, 0.4160
Android (android.graphics.Color)	4287055878 (0xFF874806)
YUV	83.3130, -38.1153, 45.3295
Hunter-Lab	31.3030, 15.5974, 19.2355

Details

The YUV color **83.3130, -38.1153, 45.3295** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **57.6870, 38.1153, -45.3295**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.3460, -38.1316, 50.5626**, and **39.4700, -19.4587, 34.6678** is the 20% darker color. If you saturate the color by 10%, you get **80.8680, -39.8679, 47.4738**, and if you desaturate by 10%, it is **89.0180, -34.0259, 40.3262**.

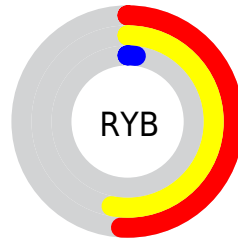
Distribution



Red (53%)

Green (28%)

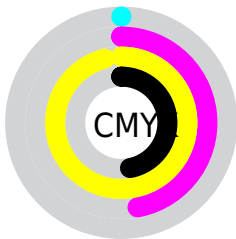
Blue (2%)



Red (51%)

Yellow (53%)

Blue (2%)

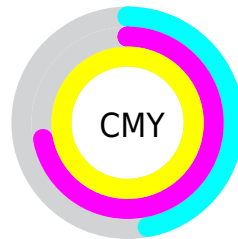


Cyan (0%)

Magenta (47%)

Yellow (96%)

Black (47%)



Cyan (47%)


Magenta (72%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.3130, -38.1153, 45.3295 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 83.3130, -38.1153, 45.3295 by changing the saturation by 10% instead.


 83.3130, -38.1153,
45.3295


 83.3130, -38.1153,
45.3295


 253.8600, -4.3680,
0.9998


 60.7560, -29.9527,
40.5560


 135.3460,
-38.1316, 50.5626

 39.4700, -19.4587,
34.6678


 162.4280,
-39.1580, 53.1216

 18.4830, -9.1121,
29.3944

 190.3960,
-40.6212, 55.7807

 7.2900, -3.1010,
14.6547


 209.5080,
-37.2254, 39.8965


 0.0000, 0.0000,
0.0000


 229.6090,
-33.8242, 22.2679


 247.3620,


-29.2655, 6.6985


 250.5540,
-17.0351, 3.8991


 83.3130, -38.1153,
45.3295


 83.3130, -38.1153,
45.3295


 80.8680, -39.8679,
47.4738

 89.0180, -34.0259,
40.3262

 94.0220, -30.0838,
35.9377

 99.7270, -25.9944,
30.9344

 104.7310,
-22.0524, 26.5459

 110.4360,
-17.9629, 21.5426

■ 116.0270,
-14.3103, 16.6393

■ 121.1450, -9.9315,
12.1508

■ 126.7360, -6.2788,
7.2475

■ 131.8540, -1.9000,
2.7590

Harmonies

Analogous

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



82.9990, -18.2405, 64.0219



83.3130, -38.1153, 45.3295



82.4530, -40.6493, 18.0197

Triad

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



83.3130, -38.1153, 45.3295



73.2970, 9.2206, -64.2815



89.7300, 33.1641, 2.8678

Complementary

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



83.3130, -38.1153, 45.3295



57.6870, 38.1153, -45.3295

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.



73.3840, 47.6317, -64.3578



83.3130, -38.1153, 45.3295



77.2700, 26.9819, -67.7658

Square

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



83.3130, -38.1153, 45.3295



66.6340, -8.6936, -58.4380



78.2280, 40.8066, -68.6060



88.5090, 18.4831, 45.1576

Rectangle

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



83.3130, -38.1153, 45.3295



78.4890, -38.6951, -2.1829



78.2280, 40.8066, -68.6060



86.2760, 38.3179, -16.9051

Sweetspot

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



83.3130, -38.1153, 45.3295



155.5110, -15.0419, 17.9689



51.9810, 9.3764, 72.8077



76.6610, -9.1999, 10.8213



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.



83.3130, -38.1153, 45.3295



105.4540, -51.9888, 61.8688



120.2940, -56.3469, 12.8972



63.5550, -1.7526, 2.1443



78.1990, -38.5521, 45.4295



1.4840, -0.7316, 1.3295

Inverse Universe

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



57.6870, 38.1153, -45.3295



70.5460, 51.9888, -61.8688



20.7060, 56.3469, -12.8972



62.4450, 1.7526, -2.1443



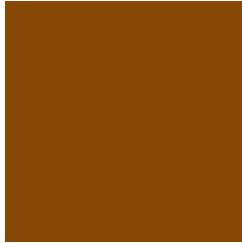
52.3880, 38.2627, -45.9443



0.9290, 1.0210, -0.8147

Previews

White Background



This preview shows how the YUV color 83.3130, -38.1153, 45.3295 looks on a white background.

Color Contrast Check

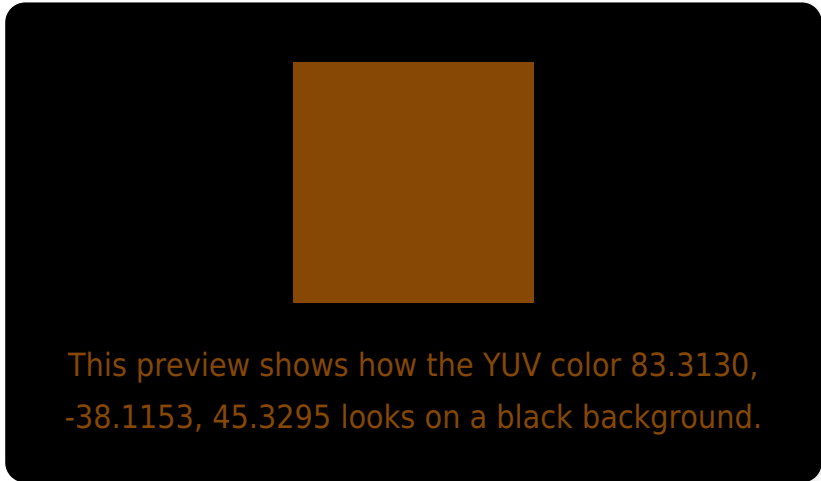
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.3130, -38.1153, 45.3295

Background



This preview shows how black text looks on a background with the YUV color 83.3130, -38.1153, 45.3295.



This preview shows how white text looks on a background with the YUV color 83.3130, -38.1153,

45.3295.

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

83.3130, -38.1153, 45.3295

Protanopia

83.6250, -34.8181, 14.3609

Deuteranopia

82.7960, -40.8184, 25.6119



Tritanopia

88.5000, -8.1345, 42.5345

Trichromacy



Original Color

83.3130, -38.1153, 45.3295

Protanomaly

83.6480, -36.3085, 25.7417

Deuteranomaly

83.0680, -39.9665, 32.3894

Tritanomaly

86.6390, -19.0490, 43.2896

Monochromacy



Original Color

83.3130, -38.1153, 45.3295

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1410, -13.8735, 16.5393

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3130, -38.1153, 45.3295 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(135, 72, 6)` looks like.

```
.text, #text, p{  
    color:rgb(135, 72, 6)  
}
```

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(135, 72, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 72, 6) }
```

Border

The CSS property to change the border of an element to YUV 83.3130, -38.1153, 45.3295 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(135, 72, 6) }
```


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

```
.border{ border-color:rgb(135, 72, 6) }
```

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

Here you see how a box with a 4 pixel rgb(135, 72, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 72, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 72, 6);  
box-shadow:4px 4px 4px 4px rgb(135, 72, 6)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.3130, -38.1153, 45.3295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 72, 6) }
```

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

```
.background{ background-color: rgb(135, 72,  
6) }
```

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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