

Converting Colors

YUV(83.8330, -6.8197, -5.9925)

Have a look what the booklet for
YUV(83.8330, -6.8197, -5.9925)
contains.

YUV(83.8330, -6.8197, -5.9925)	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(83.8330, -6.8197,
-5.9925)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5A46
RGB	77, 90, 70
RGB Percent	30%, 35%, 27%
CMY	0.6980, 0.6471, 0.7255
CMYK	0.14, 0.00, 0.22, 0.65
HSL	99°, 12%, 31%
HSV	99°, 22%, 35%
XYZ	7.8222, 9.3323, 7.1834
YIQ	83.8330, -1.3280, -8.9760

Conversions

Conversions Part 2

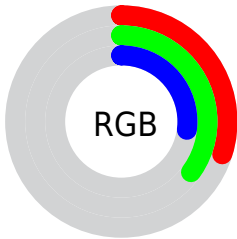
Format	Color
RYB	70, 90, 83
Decimal	5069382
CIELab	36.62, -9.31, 9.90
CIElCh	37, 13.591, 133.222
Yxy	9.3323, 0.3214, 0.3834
Android (android.graphics.Color)	4283259462 (0xFF4D5A46)
YUV	83.8330, -6.8197, -5.9925
Hunter-Lab	30.5488, -7.7544, 7.4425

Details

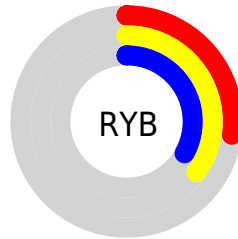
The YUV color **83.8330, -6.8197, -5.9925** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **76.1670, 6.8197, 5.9925**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3060, -7.5459, -6.4074**, and **38.7730, -5.8041, -5.0629** is the 20% darker color. If you saturate the color by 10%, you get **81.0130, -9.8664, -8.7814**, and if you desaturate by 10%, it is **86.6530, -3.7729, -3.2037**.

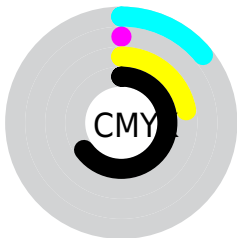
Distribution



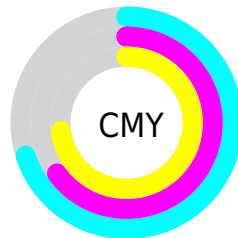
- Red (30%)
- Green (35%)
- Blue (27%)



- Red (27%)
- Yellow (35%)
- Blue (33%)



- Cyan (14%)
- Magenta (0%)
- Yellow (22%)
- Black (65%)



- Cyan (70%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.8330, -6.8197, -5.9925 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 83.8330, -6.8197, -5.9925 by changing the saturation by 10% instead.

■ 83.8330, -6.8197,
-5.9925

■ 83.8330, -6.8197,
-5.9925

255.0000, 0.0000,
0.0000

■ 60.9470, -6.3829,
-6.0925

■ 133.3060, -7.5459,
-6.4074

■ 38.7730, -5.8041,
-5.0629

■ 159.3060, -7.5459,
-6.4074

■ 17.3770, -8.5669,
-5.5926

■ 186.8930, -7.8352,
-6.9222

■ 0.0000, 0.0000,
0.0000

■ 214.4800, -8.1246,
-7.4370

■ 242.7790, -8.2720,
-6.8222

254.8860, -0.4368,

0.1000

■ 83.8330, -6.8197,
-5.9925

■ 83.8330, -6.8197,
-5.9925

■ 81.0130, -9.8664,
-8.7814

■ 86.6530, -3.7729,
-3.2037

■ 78.1930, -12.9131,
-11.5703

■ 89.4730, -0.7262,
-0.4148

■ 75.3730, -15.9599,
-14.3591

■ 92.2930, 2.3206,
2.3740

■ 72.8520, -19.1540,
-16.5332

■ 94.8140, 5.5147,
4.5481

■ 70.0320, -22.2008,
-19.3221

■ 97.6340, 8.5614,
7.3370

■ 67.2120, -25.2475,
-22.1109

■ 100.4540, 11.6082,
10.1258

■ 64.3920, -28.2943,
-24.8998

■ 103.2740, 14.6549,
12.9147

■ 62.0990, -30.6148,
-27.2738

■ 106.0940, 17.7017,
15.7036

■ 108.9140, 20.7484,
18.4924

Harmonies

Analogous

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



85.0900, -9.9044, 3.4291



83.8330, -6.8197, -5.9925



82.4450, -1.6984, -15.2993

Triad

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



83.8330, -6.8197, -5.9925



83.8760, 11.4001, -16.5543



87.7250, -2.8224, 18.6582

Complementary

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



83.8330, -6.8197, -5.9925



76.1670, 6.8197, 5.9925

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.



88.0710, 2.4300, 13.9697



83.8330, -6.8197, -5.9925



86.0130, 10.3466, -5.2734

Square

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



83.8330, -6.8197, -5.9925



81.6750, 9.5272, -22.5170



87.8680, 6.9671, 5.3778



87.1610, -7.4744, 17.3988

Rectangle

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



83.8330, -6.8197, -5.9925



81.5630, 2.6804, -19.7878



87.8680, 6.9671, 5.3778



87.7680, -1.3646, 17.7435

Sweetspot

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



83.8330, -6.8197, -5.9925



114.5930, -2.7573, -2.2741



83.6110, -6.7102, 5.6032



57.5330, -1.7418, -1.3444



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



83.8330, -6.8197, -5.9925



107.4860, -10.5926, -9.1962



82.0820, -4.4774, -10.5959



44.5330, -1.7418, -1.3444



75.9320, -37.4345, -33.2664



163.9360, -80.8204, -70.9809

Inverse Universe

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



76.1670, 6.8197, 5.9925



95.5140, 10.5926, 9.1962



77.9180, 4.4774, 10.5959



42.4670, 1.7418, 1.3444



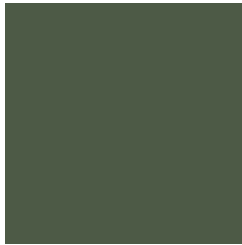
33.7690, 37.5819, 32.6516



73.0640, 80.8204, 70.9809

Previews

White Background



This preview shows how the YUV color 83.8330, -6.8197, -5.9925 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 83.8330, -6.8197, -5.9925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

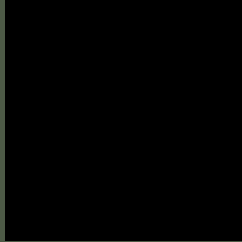
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

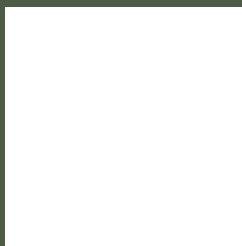
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.8330, -6.8197, -5.9925

Background



This preview shows how black text looks on a background with the YUV color 83.8330, -6.8197, -5.9925.



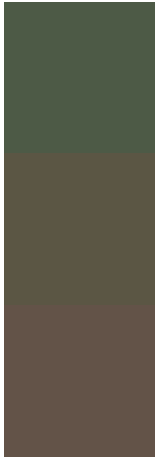
This preview shows how white text looks on a background with the YUV color 83.8330, -6.8197, -5.9925.

-5.9925.

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

83.8330, -6.8197, -5.9925

Protanopia

85.4430, -8.5994, 4.8735

Deuteranopia

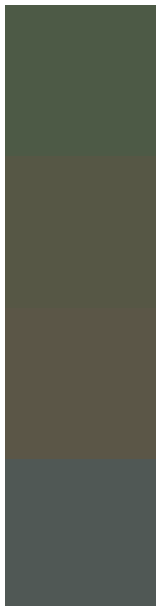
86.5300, -7.1633, 10.9362



Tritanopia

86.0040, 3.9420, -4.3885

Trichromacy



Original Color

83.8330, -6.8197, -5.9925

Protanomaly

84.6490, -7.7150, 1.1848

Deuteranomaly

85.7850, -7.2890, 4.5736

Tritanomaly

85.2660, -0.1311, -4.6183

Monochromacy



Original Color

83.8330, -6.8197, -5.9925

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7070, -2.3206, -2.3740

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8330, -6.8197, -5.9925 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(77, 90, 70)` looks like.

```
.text, #text, p{  
    color:rgb(77, 90, 70)  
}
```

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(77, 90, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 90, 70) }
```

Border

The CSS property to change the border of an element to YUV 83.8330, -6.8197, -5.9925 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(77, 90, 70) }
```


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

```
.border{ border-color:rgb(77, 90, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 90, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 90, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 90, 70);  
box-shadow:4px 4px 4px 4px rgb(77, 90, 70)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.8330, -6.8197, -5.9925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 90, 70) }
```

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

```
.background{ background-color: rgb(77, 90,  
70) }
```

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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