

Converting Colors

YUV(83.6930, -11.1876, -4.9928)

Have a look what the booklet for
YUV(83.6930, -11.1876, -4.9928)
contains.

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Color

**YUV(83.6930, -11.1876,
-4.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5B3D
RGB	78, 91, 61
RGB Percent	31%, 36%, 24%
CMY	0.6941, 0.6431, 0.7608
CMYK	0.14, 0.00, 0.33, 0.64
HSL	86°, 20%, 30%
HSV	86°, 33%, 36%
XYZ	7.7253, 9.4388, 5.8296
YIQ	83.6930, 1.8820, -12.0860

Conversions

Conversions Part 2

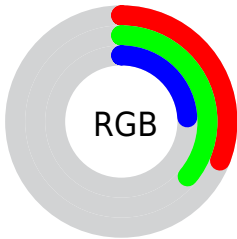
Format	Color
R_{YB}	61, 91, 74
Decimal	5135165
CIE Lab	36.82, -11.07, 15.68
CIE LCh	37, 19.195, 125.217
Yxy	9.4388, 0.3360, 0.4105
Android (android.graphics.Color)	4283325245 (0xFF4E5B3D)
YUV	83.6930, -11.1876, -4.9928
Hunter-Lab	30.7226, -8.8803, 10.2556

Details

The YUV color **83.6930, -11.1876, -4.9928** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **68.3070, 11.1876, 4.9928**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.1660, -11.9138, -5.4076**, and **38.3340, -10.0247, -4.6779** is the 20% darker color. If you saturate the color by 10%, you get **81.4710, -14.5292, -6.5521**, and if you desaturate by 10%, it is **85.9150, -7.8461, -3.4335**.

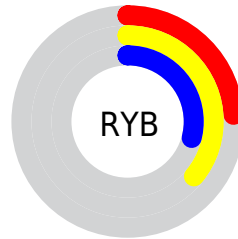
Distribution



Red (31%)

Green (36%)

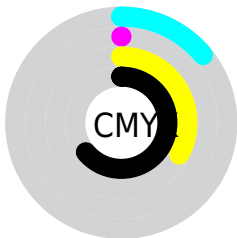
Blue (24%)



Red (24%)

Yellow (36%)

Blue (29%)

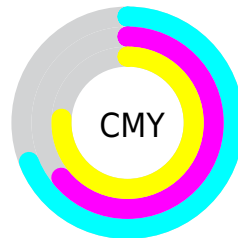


Cyan (14%)

Magenta (0%)

Yellow (33%)

Black (64%)



Cyan (69%)

Magenta (64%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.6930, -11.1876, -4.9928 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 83.6930, -11.1876, -4.9928 by changing the saturation by 10% instead.

■ 83.6930, -11.1876,
-4.9928

■ 83.6930, -11.1876,
-4.9928

■ 255.0000, 0.0000,
0.0000

■ 60.8070, -10.7509,
-5.0927

■ 133.1660,
-11.9138, -5.4076

■ 38.3340, -10.0247,
-4.6779

■ 159.9380,
-12.7874, -5.2076

■ 17.6650, -8.7088,
-6.7222

■ 186.5250,
-13.0768, -5.7224

■ 0.0000, 0.0000,
0.0000

■ 214.4110,
-13.5136, -5.6224

■ 242.4110,
-13.5136, -5.6224

■ 253.7460, -4.8048,

1.0998

■ 83.6930, -11.1876,
-4.9928

■ 83.6930, -11.1876,
-4.9928

■ 81.4710, -14.5292,
-6.5521

■ 85.9150, -7.8461,
-3.4335

■ 79.2490, -17.8708,
-8.1114

■ 88.1370, -4.5045,
-1.8741

■ 77.0270, -21.2123,
-9.6707

■ 90.3590, -1.1630,
-0.3148

■ 74.8050, -24.5539,
-11.2300

■ 92.5810, 2.1786,
1.2445

■ 72.5830, -27.8954,
-12.7893

■ 94.9170, 5.9569,
2.7038

■ 70.2470, -31.6738,
-14.2486

■ 97.1390, 9.2985,
4.2631

■ 68.9650, -33.9997,
-14.8783

■ 99.3610, 12.6400,
5.8224

■ 101.5830, 15.9816,
7.3817

■ 103.5060, 19.4705,
8.3262

Harmonies

Analogous

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



85.8580, -14.7200, 8.0175



83.6930, -11.1876, -4.9928



81.4400, -4.1609, -18.8029

Triad

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



83.6930, -11.1876, -4.9928



81.3520, 16.0955, -29.2497



88.5840, -2.2599, 24.9208

Complementary

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



83.6930, -11.1876, -4.9928



68.3070, 11.1876, 4.9928

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.



89.1900, 5.3293, 17.3734



83.6930, -11.1876, -4.9928



85.3370, 15.6099, -13.4505

Square

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



83.6930, -11.1876, -4.9928



77.7980, 12.9176, -36.6568



88.4100, 11.6299, 3.1484



87.8630, -8.8065, 24.6761

Rectangle

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



83.6930, -11.1876, -4.9928



79.6930, 2.1234, -27.7948



88.4100, 11.6299, 3.1484



88.6700, 0.6557, 23.0914

Sweetspot

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



83.6930, -11.1876, -4.9928



114.2510, -4.0677, -1.9741



77.6010, -8.1843, 11.7509



57.3050, -2.6154, -1.1445



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.



83.6930, -11.1876, -4.9928



105.6620, -17.5814, -7.5966



79.5070, -9.1240, -13.5996



44.8320, -1.8892, -0.7297



83.1080, -40.9722, -18.5117



179.1850, -88.3382, -39.6272

Inverse Universe

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



68.3070, 11.1876, 4.9928



81.6370, 17.4340, 8.2114



72.7920, 8.9765, 14.2144



42.1680, 1.8892, 0.7297



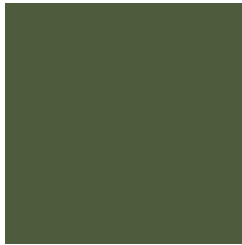
26.8920, 40.9722, 18.5117



57.8150, 88.3382, 39.6272

Previews

White Background



This preview shows how the YUV color 83.6930, -11.1876, -4.9928 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 83.6930, -11.1876, -4.9928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

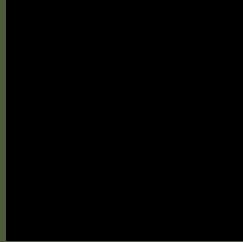
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

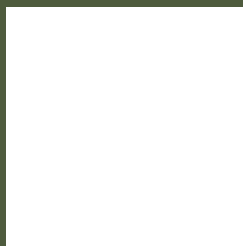
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 83.6930, -11.1876, -4.9928

Background



This preview shows how black text looks on a background with the YUV color 83.6930, -11.1876, -4.9928.



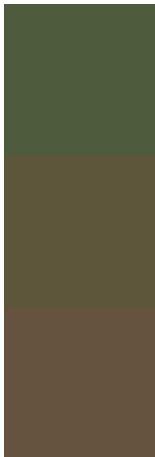
This preview shows how white text looks on a background with the YUV color 83.6930, -11.1876,

-4.9928.

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

83.6930, -11.1876, -4.9928

Protanopia

85.3140, -12.9728, 7.6176

Deuteranopia

86.4010, -11.5367, 13.6803



Tritanopia

86.6020, 3.6472, -3.1590

Trichromacy



Original Color

83.6930, -11.1876, -4.9928

Protanomaly

84.8080, -12.2303, 2.7994

Deuteranomaly

85.3570, -11.5150, 6.7029

Tritanomaly

85.2230, -1.5889, -3.7036

Monochromacy



Original Color

83.6930, -11.1876, -4.9928

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2510, -4.0677, -1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.6930, -11.1876, -4.9928 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(78, 91, 61)` looks like.

```
.text, #text, p{  
    color:rgb(78, 91, 61)  
}
```

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(78, 91, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 91, 61) }
```

Border

The CSS property to change the border of an element to YUV 83.6930, -11.1876, -4.9928 is called "border". The border property can be set on classes, ids or directly on the HTML element.

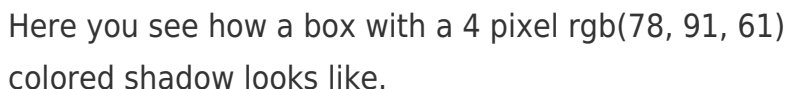
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(78, 91, 61) }
```


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

```
.border{ border-color:rgb(78, 91, 61) }
```

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



Here you see how a box with a 4 pixel `rgb(78, 91, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(78, 91, 61); -webkit-box-shadow:4px 4px 4px 4px rgb(78, 91, 61); box-shadow:4px 4px 4px 4px rgb(78, 91, 61) }
```

Background

The CSS property to change the background color of an element to YUV 83.6930, -11.1876, -4.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 91, 61) }
```

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

```
.background{ background-color: rgb(78, 91,  
61) }
```

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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