

Converting Colors

YUV(81.3060, -7.5459, -6.4074)

Have a look what the booklet for
YUV(81.3060, -7.5459, -6.4074)
contains.

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Color

**YUV(81.3060, -7.5459,
-6.4074)**

Conversions

Conversions Part 1

Format	Color
Hex	4A5842
RGB	74, 88, 66
RGB Percent	29%, 35%, 26%
CMY	0.7098, 0.6549, 0.7412
CMYK	0.16, 0.00, 0.25, 0.65
HSL	98°, 14%, 30%
HSV	98°, 25%, 35%
XYZ	7.2971, 8.8286, 6.4738
YIQ	81.3060, -1.2820, -9.8100

Conversions

Conversions Part 2

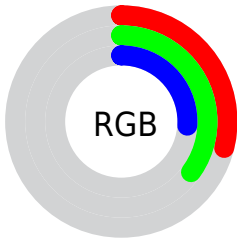
Format	Color
RYB	66, 88, 80
Decimal	4872258
CIELab	35.65, -10.13, 11.00
CIELCh	36, 14.951, 132.658
Yxy	8.8286, 0.3229, 0.3907
Android (android.graphics.Color)	4283062338 (0xFF4A5842)
YUV	81.3060, -7.5459, -6.4074
Hunter-Lab	29.7130, -8.1605, 7.8813

Details

The YUV color **81.3060, -7.5459, -6.4074** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72.6940, 7.5459, 6.4074**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.7790, -8.2720, -6.8222**, and **36.8330, -6.8197, -5.9925** is the 20% darker color. If you saturate the color by 10%, you get **78.4860, -10.5926, -9.1962**, and if you desaturate by 10%, it is **84.1260, -4.4991, -3.6185**.

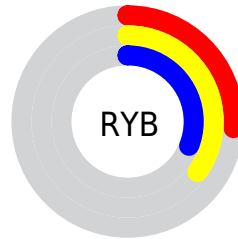
Distribution



Red (29%)

Green (35%)

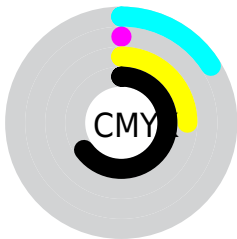
Blue (26%)



Red (26%)

Yellow (35%)

Blue (31%)

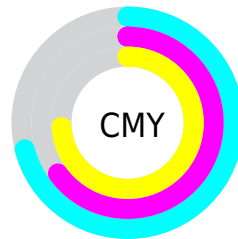


Cyan (16%)

Magenta (0%)

Yellow (25%)

Black (65%)



Cyan (71%)

Magenta (65%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.3060, -7.5459, -6.4074 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 81.3060, -7.5459, -6.4074 by changing the saturation by 10% instead.

81.3060, -7.5459,
-6.4074

81.3060, -7.5459,
-6.4074

255.0000, 0.0000,
0.0000

58.4200, -7.1091,
-6.5073

130.7790, -8.2720,
-6.8222

36.8330, -6.8197,
-5.9925

156.7790, -8.2720,
-6.8222

14.9960, -7.3930,
-8.7665

183.6650, -8.7088,
-6.7222

0.0000, 0.0000,
0.0000

211.2520, -8.9982,
-7.2370

239.8390, -9.2876,
-7.7518

254.4300, -2.1840,

0.4999

■ 81.3060, -7.5459,
-6.4074

■ 81.3060, -7.5459,
-6.4074

■ 78.4860, -10.5926,
-9.1962

■ 84.1260, -4.4991,
-3.6185

■ 75.9650, -13.7867,
-11.3703

■ 86.6470, -1.3050,
-1.4444

■ 73.2590, -16.3967,
-14.2591

■ 89.3530, 1.3050,
1.4444

■ 70.7380, -19.5908,
-16.4332

■ 91.8740, 4.4991,
3.6185

■ 67.9180, -22.6376,
-19.2221

■ 94.6940, 7.5459,
6.4074

■ 65.0980, -25.6843,
-22.0109

■ 97.5140, 10.5926,
9.1962

■ 62.5770, -28.8785,
-24.1850

■ 100.0350, 13.7867,
11.3703

■ 61.2240, -30.1834,
-25.6294

■ 102.7410, 16.3967,
14.2591

■ 105.2620, 19.5908,
16.4332

Harmonies

Analogous

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



82.7480, -11.2148, 3.7290



81.3060, -7.5459, -6.4074



79.7330, -1.8404, -16.4288

Triad

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



81.3060, -7.5459, -6.4074



81.0930, 12.2792, -18.4986



85.3230, -3.1172, 19.8877

Complementary

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



81.3060, -7.5459, -6.4074



72.6940, 7.5459, 6.4074

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.



85.7830, 2.5720, 15.0993



81.3060, -7.5459, -6.4074



83.6430, 11.5150, -6.7029

Square

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



81.3060, -7.5459, -6.4074



79.1800, 10.2643, -25.5909



85.3950, 7.6933, 5.7926



84.6450, -8.2060, 18.7283

Rectangle

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



81.3060, -7.5459, -6.4074



78.9540, 2.9807, -22.7617



85.3950, 7.6933, 5.7926



85.4800, -1.2226, 18.8730

Sweetspot

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



81.3060, -7.5459, -6.4074



112.1800, -3.0467, -2.7889



80.7960, -7.2944, 6.3179



57.1200, -2.0312, -1.8592



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.



81.3060, -7.5459, -6.4074



104.4320, -12.0450, -10.0259



79.2560, -5.0562, -11.6255



41.9460, -1.4524, -0.8296



74.4700, -36.7137, -31.1072



163.3600, -80.5365, -68.7217

Inverse Universe

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



72.6940, 7.5459, 6.4074



90.5680, 12.0450, 10.0259



74.7440, 5.0562, 11.6255



40.3530, 1.3050, 1.4444



32.5300, 36.7137, 31.1072



71.3410, 80.6839, 68.1069

Previews

White Background



This preview shows how the YUV color 81.3060, -7.5459, -6.4074 looks on a white background.

Color Contrast Check

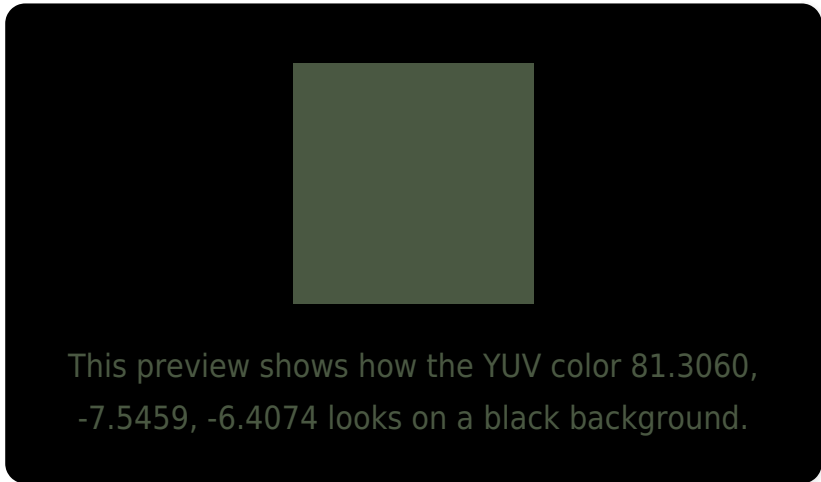
Large Text (above 18pt) WCAG AA ✓ Pass

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

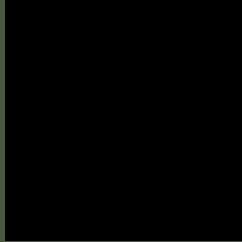
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.3060, -7.5459, -6.4074

Background



This preview shows how black text looks on a background with the YUV color 81.3060, -7.5459, -6.4074.



This preview shows how white text looks on a background with the YUV color 81.3060, -7.5459,

-6.4074.

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

81.3060, -7.5459, -6.4074

Protanopia

83.2150, -9.4730, 5.0734

Deuteranopia

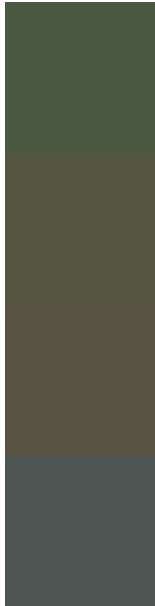
83.7150, -7.7475, 11.6509



Tritanopia

83.5910, 3.6526, -4.9033

Trichromacy



Original Color

81.3060, -7.5459, -6.4074

Protanomaly

82.4210, -8.5886, 1.3848

Deuteranomaly

82.9700, -7.8732, 5.2883

Tritanomaly

82.8530, -0.4205, -5.1331

Monochromacy



Original Color

81.3060, -7.5459, -6.4074

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2940, -2.6099, -2.8888

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.3060, -7.5459, -6.4074 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(74, 88, 66)` looks like.

```
.text, #text, p{  
    color:rgb(74, 88, 66)  
}
```

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(74, 88, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 88, 66) }
```

Border

The CSS property to change the border of an element to YUV 81.3060, -7.5459, -6.4074 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(74, 88, 66) }
```


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

```
.border{ border-color:rgb(74, 88, 66) }
```

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

Here you see how a box with a 4 pixel rgb(74, 88, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 88, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 88, 66);  
box-shadow:4px 4px 4px 4px rgb(74, 88, 66)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.3060, -7.5459, -6.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 88, 66) }
```

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

```
.background{ background-color: rgb(74, 88,  
66) }
```

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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