

# Converting Colors

YUV(81.6840, -17.5922, -4.1079)

Have a look what the booklet for  
YUV(81.6840, -17.5922, -4.1079)  
contains.

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# Color

**YUV(81.6840, -17.5922,  
-4.1079)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D5B2E
RGB	77, 91, 46
RGB Percent	30%, 36%, 18%
CMY	0.6980, 0.6431, 0.8196
CMYK	0.15, 0.00, 0.49, 0.64
HSL	79°, 33%, 27%
HSV	79°, 49%, 36%
XYZ	7.2948, 9.2572, 3.9871
YIQ	81.6840, 6.1010, -16.9630

# Conversions

## Conversions Part 2

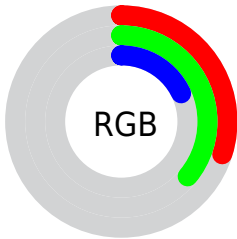
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 91, 60
Decimal	5069614
CIELab	36.47, -13.70, 24.06
CIElCh	36, 27.686, 119.658
Yxy	9.2572, 0.3552, 0.4507
Android (android.graphics.Color)	4283259694 (0xFF4D5B2E)
YUV	81.6840, -17.5922, -4.1079
Hunter-Lab	30.4257, -10.4481, 13.5283

# Details

The YUV color **81.6840, -17.5922, -4.1079** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.3160, 17.5922, 4.1079**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3420, -18.9026, -3.8079**, and **35.9830, -17.7396, -3.4931** is the 20% darker color. If you saturate the color by 10%, you get **79.7610, -21.0812, -5.0524**, and if you desaturate by 10%, it is **83.6070, -14.1033, -3.1633**.

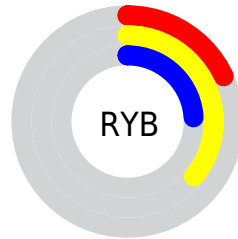
# Distribution



Red (30%)

Green (36%)

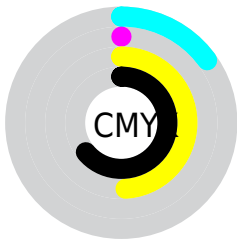
Blue (18%)



Red (18%)

Yellow (36%)

Blue (24%)

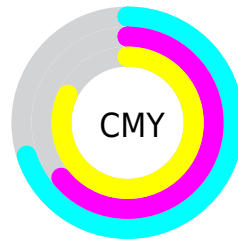


Cyan (15%)

Magenta (0%)

Yellow (49%)

Black (64%)



Cyan (70%)

Magenta (64%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 81.6840, -17.5922, -4.1079 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 81.6840, -17.5922, -4.1079 by changing the saturation by 10% instead.



81.6840, -17.5922,  
-4.1079

81.6840, -17.5922,  
-4.1079

255.0000, 0.0000,  
0.0000

57.9120, -16.7186,  
-4.3078

131.3420,  
-18.9026, -3.8079

35.9830, -17.7396,  
-3.4931

157.8150,  
-19.6288, -4.2228

15.5610, -7.6716,  
-12.7700

184.7010,  
-20.0656, -4.1228

0.0000, 0.0000,  
0.0000

212.4730,  
-20.9392, -3.9228

240.4730,  
-20.9392, -3.9228

251.6940,

-12.6671, 2.8994

■ 81.6840, -17.5922,  
-4.1079

■ 81.6840, -17.5922,  
-4.1079

■ 79.7610, -21.0812,  
-5.0524

■ 83.6070, -14.1033,  
-3.1633

■ 77.8380, -24.5701,  
-5.9969

■ 85.5300, -10.6143,  
-2.2188

■ 76.2140, -28.2065,  
-6.3267

■ 87.1540, -6.9779,  
-1.8891

■ 74.2910, -31.6955,  
-7.2712

■ 89.0770, -3.4890,  
-0.9445

■ 72.2540, -35.6212,  
-8.1158

■ 91.1140, 0.4368,  
-0.1000

■ 93.0370, 3.9258,  
0.8446

■ 94.9600, 7.4147,  
1.7891

■ 96.8830, 10.9037,  
2.7336

■ 98.5070, 14.5400,  
3.0634

# Harmonies

## Analogous

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



83.7680, -21.5776, 14.2355



81.6840, -17.5922, -4.1079



77.8970, -7.3442, -24.4657

# Triad

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



81.6840, -17.5922, -4.1079



69.3140, 26.9602, -60.7884



87.5080, -0.2504, 33.7575

# Complementary

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



81.6840, -17.5922, -4.1079



55.3160, 17.5922, 4.1079

# 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.



88.4770, 10.1178, 21.5067



81.6840, -17.5922, -4.1079



81.1270, 24.0944, -28.1754

# Square

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



81.6840, -17.5922, -4.1079



69.1370, 18.6665, -60.6331



87.1090, 18.1873, -0.0956



86.4730, -10.5862, 35.5422



# Rectangle

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



81.6840, -17.5922, -4.1079



72.8930, 2.0248, -42.8792



87.1090, 18.1873, -0.0956



87.4090, 3.2494, 31.2133

# Sweetspot

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



81.6840, -17.5922, -4.1079



113.5670, -6.6885, -1.3743



67.6730, -10.6848, 20.4578



56.5500, -4.2151, -1.3593



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.



81.6840, -17.5922, -4.1079



102.8550, -27.0435, -6.0118



75.1060, -14.3493, -17.6330



44.8320, -1.8892, -0.7297



87.2940, -43.0359, -9.9048



187.8560, -92.6130, -21.7987



# Inverse Universe

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



55.3160, 17.5922, 4.1079



62.4440, 26.8961, 6.6266



61.8940, 14.3493, 17.6330



42.1680, 1.8892, 0.7297



22.7060, 43.0359, 9.9048



49.1440, 92.6130, 21.7987



# Previews

## White Background



This preview shows how the YUV color 81.6840, -17.5922, -4.1079 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 81.6840, -17.5922, -4.1079 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

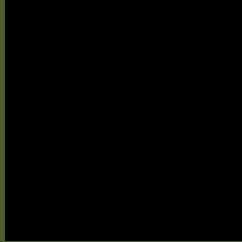
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

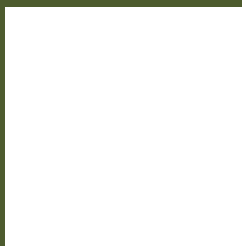
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 81.6840, -17.5922, -4.1079

## Background



This preview shows how black text looks on a background with the YUV color 81.6840, -17.5922, -4.1079.



This preview shows how white text looks on a background with the YUV color 81.6840, -17.5922,

-4.1079.

# 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

81.6840, -17.5922, -4.1079

### Protanopia

83.9030, -19.6722, 9.7321

### Deuteranopia

84.7020, -18.0941, 16.9243



## Tritanopia

85.9010, 3.4998, -2.5442

# Trichromacy



## Original Color

81.6840, -17.5922, -4.1079

## Protanomaly

83.0980, -18.7823, 4.2991

## Deuteranomaly

83.3590, -17.9250, 9.3322

## Tritanomaly

84.5390, -4.2097, -3.1037

# Monochromacy



## Original Color

81.6840, -17.5922, -4.1079

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

81.6810, -6.2517, -1.4742

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 81.6840, -17.5922, -4.1079 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, 91, 46)` looks like.

```
.text, #text, p{  
    color:rgb(77, 91, 46)  
}
```

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, 91, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 91, 46) }
```

## Border

The CSS property to change the border of an element to YUV 81.6840, -17.5922, -4.1079 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, 91, 46) }
```



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

```
.border{ border-color:rgb(77, 91, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 91, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 91, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 91, 46);  
box-shadow:4px 4px 4px 4px rgb(77, 91, 46)  
}
```

# Background

The CSS property to change the background color of an element to YUV 81.6840, -17.5922, -4.1079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 91, 46) }
```

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

```
.background{ background-color: rgb(77, 91,  
46) }
```

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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