

# Converting Colors

YUV(74.1330, 1.4134, -33.4426)

Have a look what the booklet for  
YUV(74.1330, 1.4134, -33.4426)  
contains.

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# Color

**YUV(74.1330, 1.4134,  
-33.4426)**

# Conversions

## Conversions Part 1

Format	Color
Hex	245D4D
RGB	36, 93, 77
RGB Percent	14%, 36%, 30%
CMY	0.8588, 0.6353, 0.6980
CMYK	0.61, 0.00, 0.17, 0.64
HSL	163°, 44%, 25%
HSV	163°, 61%, 36%
XYZ	5.9815, 8.7396, 8.3928
YIQ	74.1330, -28.8360, -17.0600

# Conversions

## Conversions Part 2

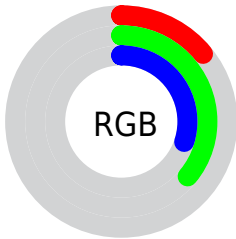
Format	Color
<b>RYB</b>	36, 69, 93
Decimal	2383181
CIELab	35.48, -23.01, 3.64
CIELCh	35, 23.293, 171.012
Yxy	8.7396, 0.2588, 0.3781
Android (android.graphics.Color)	4280573261 (0xFF245D4D)
YUV	74.1330, 1.4134, -33.4426
Hunter-Lab	29.5628, -15.6189, 3.8616

# Details

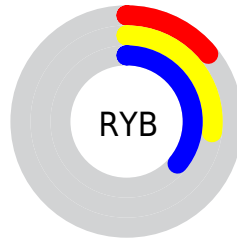
The YUV color **74.1330, 1.4134, -33.4426** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **54.8670, -1.4134, 33.4426**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.9050, 0.5398, -33.2427**, and **30.7640, 1.1023, -26.9800** is the 20% darker color. If you saturate the color by 10%, you get **71.1000, 1.4297, -38.6757**, and if you desaturate by 10%, it is **77.1660, 1.3972, -28.2096**.

# Distribution



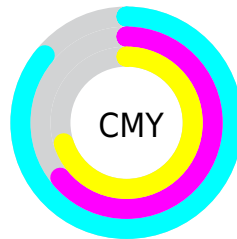
- Red (14%)
- Green (36%)
- Blue (30%)



- Red (14%)
- Yellow (27%)
- Blue (36%)



- Cyan (61%)
- Magenta (0%)
- Yellow (17%)
- Black (64%)



- Cyan (86%)
- Magenta (64%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.1330, 1.4134, -33.4426 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 74.1330, 1.4134, -33.4426 by changing the saturation by 10% instead.



■ 74.1330, 1.4134,  
-33.4426

■ 74.1330, 1.4134,  
-33.4426

■ 255.0000, 0.0000,  
0.0000

■ 48.1540, 2.8821,  
-37.8461

■ 124.9050, 0.5398,  
-33.2427

■ 30.7640, 1.1023,  
-26.9800

■ 150.9050, 0.5398,  
-33.2427

■ 17.5760, -3.7350,  
-15.4142

■ 178.0790, -0.0389,  
-34.2723

■ 0.0000, 0.0000,  
0.0000

■ 205.7800, 0.1085,  
-34.8871

■ 234.3670, -0.1809,  
-35.4019

■ 245.4320, 4.7170,

-19.6729

254.1030, 0.4422,  
-1.8443

■ 74.1330, 1.4134,  
-33.4426

■ 74.1330, 1.4134,  
-33.4426

■ 71.1000, 1.4297,  
-38.6757

■ 77.1660, 1.3972,  
-28.2096

■ 67.8820, 2.0302,  
-44.6235

■ 80.3840, 0.7967,  
-22.2618

■ 64.8490, 2.0464,  
-49.8566

■ 83.4170, 0.7804,  
-17.0287

■ 62.2290, 2.3521,  
-54.5748

■ 86.3360, 0.3274,  
-11.6957

■ 89.3690, 0.3111,  
-6.4626

■ 92.7010, 0.1474,  
-0.6148

■ 95.6200, -0.3057,  
4.7183

■ 98.6530, -0.3219,  
9.9513

■ 101.8710, -0.9224,  
15.8991

# Harmonies

## Analogous

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



78.3820, -9.5553, -15.2440



74.1330, 1.4134, -33.4426



66.7310, 14.4296, -55.0151

# Triad

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



74.1330, 1.4134, -33.4426



84.0220, 16.7512, -6.1583



83.7940, -14.1954, 26.4907

# Complementary

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



74.1330, 1.4134, -33.4426



54.8670, -1.4134, 33.4426

# 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.



84.4770, -6.6442, 31.1537



74.1330, 1.4134, -33.4426



85.8350, 10.4343, 13.2997

# Square

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



74.1330, 1.4134, -33.4426



78.5030, 20.4580, -28.5051



85.4470, 2.2446, 26.7950



82.5170, -17.5099, 16.2096



# Rectangle

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



74.1330, 1.4134, -33.4426



66.2020, 20.1134, -58.0592



85.4470, 2.2446, 26.7950



84.0870, -11.8749, 28.8647

# Sweetspot

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



74.1330, 1.4134, -33.4426



112.7380, 0.6222, -12.9252



74.2430, -18.8538, -19.5071



56.6570, 0.1691, -7.5922



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



74.1330, 1.4134, -33.4426



90.5390, 2.1993, -52.2157



68.9130, 11.8749, -28.8647



44.3910, 0.3002, -2.9739



73.5760, 2.6740, -64.5262



158.6130, 6.1068, -139.1036



# Inverse Universe

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



54.8670, -1.4134, 33.4426



60.4610, -2.1993, 52.2157



60.0870, -11.8749, 28.8647



42.7230, 0.1366, 2.8739



36.4240, -2.6740, 64.5262

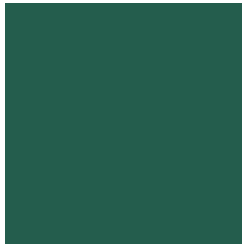


78.5010, -5.6700, 139.0036



# Previews

## White Background



This preview shows how the YUV color 74.1330, 1.4134, -33.4426 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 74.1330, 1.4134, -33.4426 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

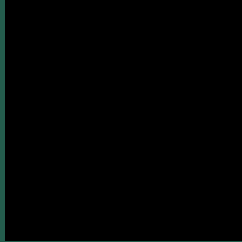
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 74.1330, 1.4134, -33.4426**

## **Background**



This preview shows how black text looks on a background with the YUV color 74.1330, 1.4134, -33.4426.



This preview shows how white text looks on a background with the YUV color 74.1330, 1.4134, -33.4426.



# 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

74.1330, 1.4134, -33.4426

### Protanopia

82.9420, -5.3944, 3.5589

### Deuteranopia

83.5880, -1.7689, 7.3773



## Tritanopia

77.0440, 9.8383, -28.9796

# Trichromacy



## Original Color

74.1330, 1.4134, -33.4426

## Protanomaly

79.8370, -2.8776, -10.3810

## Deuteranomaly

80.4290, -0.7045, -7.3922

## Tritanomaly

75.9360, 6.9336, -30.6389

# Monochromacy



## Original Color

74.1330, 1.4134, -33.4426

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

74.0370, 0.4748, -12.3104

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.1330, 1.4134, -33.4426 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(36, 93, 77)` looks like.

```
.text, #text, p{  
    color:rgb(36, 93, 77)  
}
```

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(36, 93, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 93, 77) }
```

## Border

The CSS property to change the border of an element to YUV 74.1330, 1.4134, -33.4426 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(36, 93, 77) }
```



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

```
.border{ border-color:rgb(36, 93, 77) }
```

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

Here you see how a box with a 4 pixel rgb(36, 93, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 93, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 93, 77);  
box-shadow:4px 4px 4px 4px rgb(36, 93, 77)  
}
```

# Background

The CSS property to change the background color of an element to YUV 74.1330, 1.4134, -33.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 93, 77) }
```

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

```
.background{ background-color: rgb(36, 93,  
77) }
```

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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