

# Converting Colors

YUV(71.5990, -8.6763, -17.1883)

Have a look what the booklet for  
YUV(71.5990, -8.6763, -17.1883)  
contains.

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# Color

**YUV(71.5990, -8.6763,  
-17.1883)**

# Conversions

## Conversions Part 1

Format	Color
Hex	345536
RGB	52, 85, 54
RGB Percent	20%, 33%, 21%
CMY	0.7961, 0.6667, 0.7882
CMYK	0.39, 0.00, 0.36, 0.67
HSL	124°, 24%, 27%
HSV	124°, 39%, 33%
XYZ	5.3305, 7.4934, 4.6555
YIQ	71.5990, -9.7170, -16.6370

# Conversions

## Conversions Part 2

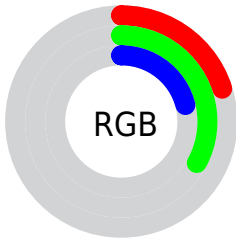
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 83, 85
Decimal	3429686
CIE <sub>Lab</sub>	32.90, -19.41, 14.38
CIE <sub>LCh</sub>	33, 24.157, 143.459
Yxy	7.4934, 0.3050, 0.4287
Android (android.graphics.Color)	4281619766 (0xFF345536)
YUV	71.5990, -8.6763, -17.1883
Hunter-Lab	27.3741, -13.1455, 9.0785

# Details

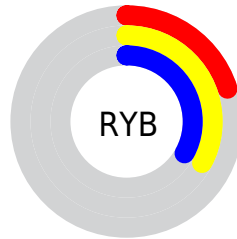
The YUV color **71.5990, -8.6763, -17.1883** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65.4010, 8.6763, 17.1883**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6590, -9.6919, -18.1179**, and **26.1260, -7.9501, -16.7735** is the 20% darker color. If you saturate the color by 10%, you get **67.9960, -10.8440, -21.9215**, and if you desaturate by 10%, it is **74.9030, -6.3612, -13.0699**.

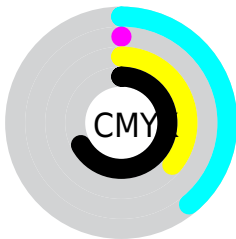
# Distribution



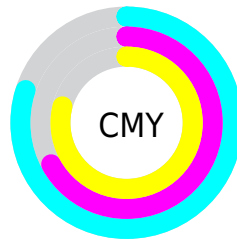
- Red (20%)
- Green (33%)
- Blue (21%)



- Red (20%)
- Yellow (33%)
- Blue (33%)



- Cyan (39%)
- Magenta (0%)
- Yellow (36%)
- Black (67%)



- Cyan (80%)
- Magenta (67%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 71.5990, -8.6763, -17.1883 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 71.5990, -8.6763, -17.1883 by changing the saturation by 10% instead.



■ 71.5990, -8.6763,  
-17.1883

■ 71.5990, -8.6763,  
-17.1883

255.0000, 0.0000,  
0.0000

■ 48.7130, -8.2395,  
-17.2883

■ 120.6590, -9.6919,  
-18.1179

■ 26.1260, -7.9501,  
-16.7735

■ 146.2460, -9.9813,  
-18.6327

■ 10.5660, -5.2090,  
-9.2664

■ 173.1320,  
-10.4181, -18.5328

■ 0.0000, 0.0000,  
0.0000

■ 200.7190,  
-10.7075, -19.0476

■ 228.8930,  
-11.2862, -20.0772

■ 246.7400, -5.7878,

-10.2960

■ 71.5990, -8.6763,  
-17.1883

■ 71.5990, -8.6763,  
-17.1883

■ 67.9960, -10.8440,  
-21.9215

■ 74.9030, -6.3612,  
-13.0699

■ 64.6920, -13.1592,  
-26.0399

■ 78.5060, -4.1935,  
-8.3368

■ 61.3880, -15.4743,  
-30.1583

■ 82.1090, -2.0257,  
-3.6036

■ 57.7850, -17.6420,  
-34.8914

■ 85.4130, 0.2894,  
0.5148

■ 54.4810, -19.9571,  
-39.0098

■ 88.7170, 2.6045,  
4.6332

■ 50.8780, -22.1249,  
-43.7430

■ 92.3200, 4.7722,  
9.3664

■ 50.4650, -22.4142,  
-44.2578

■ 95.6240, 7.0874,  
13.4848

■ 99.2270, 9.2551,  
18.2179

■ 102.5310, 11.5702,  
22.3363

# Harmonies

## Analogous

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



74.4610, -16.0033, -0.4043



71.5990, -8.6763, -17.1883



66.1540, 2.8821, -37.8461

# Triad

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



71.5990, -8.6763, -17.1883



72.3180, 21.0422, -29.2199



78.2490, -7.5178, 31.3536

# Complementary

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



71.5990, -8.6763, -17.1883



65.4010, 8.6763, 17.1883

# 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.



78.9310, 1.5130, 28.1245



71.5990, -8.6763, -17.1883



78.0330, 16.7457, -4.4139

# Square

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



71.5990, -8.6763, -17.1883



62.0930, 22.1392, -54.4556



79.7320, 9.9921, 15.1440



77.2670, -14.9216, 26.0758



# Rectangle

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



71.5990, -8.6763, -17.1883



60.8730, 12.3876, -53.3856



79.7320, 9.9921, 15.1440



78.3460, -4.6076, 31.2686

# Sweetspot

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



71.5990, -8.6763, -17.1883



104.3320, -3.6147, -7.3072



80.6400, -14.1195, 2.0697



52.8100, -1.8783, -4.2184



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



71.5990, -8.6763, -17.1883



88.8660, -13.7379, -27.0695



73.4230, -1.6875, -18.7880



41.3480, -1.1576, -2.0592



63.4930, -28.3440, -55.6834



139.5410, -61.8917, -122.3775



# Inverse Universe

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



65.4010, 8.6763, 17.1883



79.1340, 13.7379, 27.0695



63.5770, 1.6875, 18.7880



40.6520, 1.1576, 2.0592



43.5070, 28.3440, 55.6834

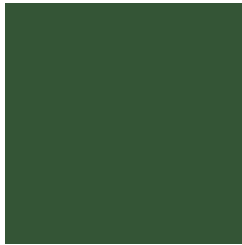


95.3450, 61.4549, 122.4774



# Previews

## White Background



This preview shows how the YUV color 71.5990, -8.6763, -17.1883 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

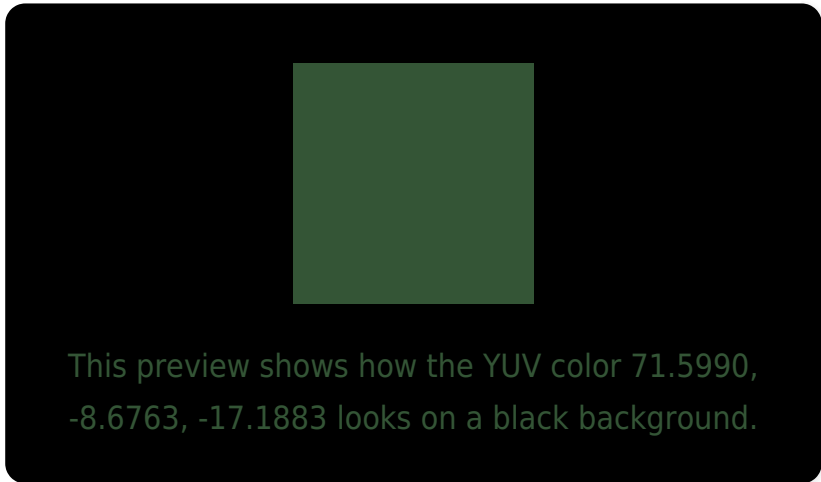
Any Text WCAG AA ✓ Pass

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

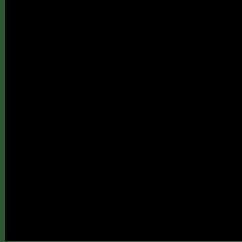
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 71.5990, -8.6763, -17.1883

## Background



This preview shows how black text looks on a background with the YUV color 71.5990, -8.6763, -17.1883.



This preview shows how white text looks on a background with the YUV color 71.5990, -8.6763,

-17.1883.

# 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

71.5990, -8.6763, -17.1883

### Protanopia

76.1290, -12.3886, 6.9029

### Deuteranopia

77.0310, -10.3683, 12.2508



## Tritanopia

75.1060, 5.8637, -14.1250

# Trichromacy



## Original Color

71.5990, -8.6763, -17.1883

## Protanomaly

74.4160, -11.0511, -2.1188

## Deuteranomaly

75.0790, -9.8989, 1.6847

## Tritanomaly

73.4280, 0.7750, -15.2844

# Monochromacy



## Original Color

71.5990, -8.6763, -17.1883

## Achromatopsia

72.0000, 0.0000, 0.0000

## Achromatomaly

72.0440, -3.4727, -6.1776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 71.5990, -8.6763, -17.1883 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(52, 85, 54)` looks like.

```
.text, #text, p{  
    color:rgb(52, 85, 54)  
}
```

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(52, 85, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 85, 54) }
```

## Border

The CSS property to change the border of an element to YUV 71.5990, -8.6763, -17.1883 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(52, 85, 54) }
```



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

```
.border{ border-color:rgb(52, 85, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 85, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 85, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 85, 54);  
box-shadow:4px 4px 4px 4px rgb(52, 85, 54)  
}
```

# Background

The CSS property to change the background color of an element to YUV 71.5990, -8.6763, -17.1883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 85, 54) }
```

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

```
.background{ background-color: rgb(52, 85,  
54) }
```

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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