

# Converting Colors

YUV(51.3440, -8.5506, -10.8257)

Have a look what the booklet for  
YUV(51.3440, -8.5506, -10.8257)  
contains.

<b>YUV(51.3440, -8.5506, -10.8257)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(51.3440, -8.5506,  
-10.8257)**

# Conversions

## Conversions Part 1

Format	Color
Hex	273D22
RGB	39, 61, 34
RGB Percent	15%, 24%, 13%
CMY	0.8471, 0.7608, 0.8667
CMYK	0.36, 0.00, 0.44, 0.76
HSL	109°, 28%, 19%
HSV	109°, 44%, 24%
XYZ	2.7942, 3.8843, 2.1159
YIQ	51.3440, -4.4450, -13.0610

# Conversions

## Conversions Part 2

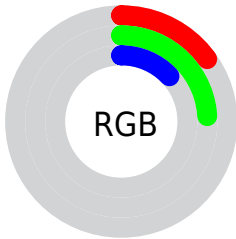
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 61, 56
Decimal	2571554
CIE <sub>Lab</sub>	23.29, -15.02, 13.96
CIE <sub>LCh</sub>	23, 20.506, 137.084
Y <sub>xy</sub>	3.8843, 0.3177, 0.4417
Android (android.graphics.Color)	4280761634 (0xFF273D22)
Y <sub>UV</sub>	51.3440, -8.5506, -10.8257
Hunter-Lab	19.7087, -9.1835, 7.4309

# Details

The YUV color **51.3440, -8.5506, -10.8257** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **43.6560, 8.5506, 10.8257**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4040, -9.5662, -11.7553**, and **11.7400, -5.7878, -10.2960** is the 20% darker color. If you saturate the color by 10%, you get **49.1650, -10.4343, -13.2997**, and if you desaturate by 10%, it is **53.5230, -6.6668, -8.3517**.

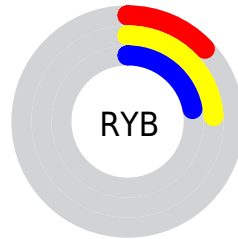
# Distribution



Red (15%)

Green (24%)

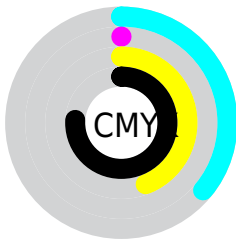
Blue (13%)



Red (13%)

Yellow (24%)

Blue (22%)

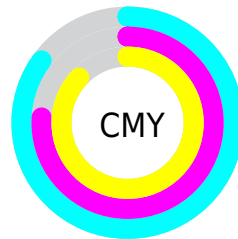


Cyan (36%)

Magenta (0%)

Yellow (44%)

Black (76%)



Cyan (85%)

Magenta (76%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 51.3440, -8.5506, -10.8257 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 51.3440, -8.5506, -10.8257 by changing the saturation by 10% instead.



■ 51.3440, -8.5506,  
-10.8257

■ 51.3440, -8.5506,  
-10.8257

255.0000, 0.0000,  
0.0000

■ 29.7570, -8.2612,  
-10.3109

■ 98.4040, -9.5662,  
-11.7553

■ 11.7400, -5.7878,  
-10.2960

■ 123.2900,  
-10.0030, -11.6553

■ 0.0000, 0.0000,  
0.0000

■ 148.8770,  
-10.2924, -12.1701

■ 175.7630,  
-10.7292, -12.0702

■ 203.3500,  
-11.0186, -12.5850

■ 231.2360,

-11.4553, -12.4850

■ 249.9580, -6.3883,  
-4.3482

■ 51.3440, -8.5506,  
-10.8257

■ 51.3440, -8.5506,  
-10.8257

■ 49.1650, -10.4343,  
-13.2997

■ 53.5230, -6.6668,  
-8.3517

■ 46.9860, -12.3181,  
-15.7737

■ 55.7020, -4.7831,  
-5.8777

■ 44.8070, -14.2019,  
-18.2477

■ 57.8810, -2.8993,  
-3.4036

■ 42.6280, -16.0856,  
-20.7218

■ 60.0600, -1.0156,  
-0.9296

■ 40.4490, -17.9694,  
-23.1958

■ 62.3530, 1.3050,  
1.4444

■ 39.0960, -19.2743,  
-24.6402

■ 64.5320, 3.1887,  
3.9184

■ 66.7110, 5.0725,  
6.3925

■ 68.8900, 6.9562,  
8.8665

■ 71.0690, 8.8400,  
11.3405

# Harmonies

## Analogous

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



53.0530, -13.8301, 2.5845



51.3440, -8.5506, -10.8257



47.2370, 0.3762, -27.3948

# Triad

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



51.3440, -8.5506, -10.8257



48.8080, 17.8427, -29.6496



56.0140, -4.4439, 25.4207

# Complementary

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



51.3440, -8.5506, -10.8257



43.6560, 8.5506, 10.8257

# 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.



57.2290, 2.8451, 20.8472



51.3440, -8.5506, -10.8257



55.4410, 14.5726, -7.4028

# Square

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



51.3440, -8.5506, -10.8257



45.1720, 15.6912, -39.6158



57.1720, 9.2822, 9.4962



55.6840, -10.6902, 22.2021



# Rectangle

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



51.3440, -8.5506, -10.8257



43.7070, 7.5394, -38.3310



57.1720, 9.2822, 9.4962



56.2850, -2.1125, 24.3061

# Sweetspot

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



51.3440, -8.5506, -10.8257



75.4680, -3.1887, -3.9184



54.9870, -10.3466, 5.2734



38.4080, -2.1731, -2.9888



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000



# Same Dimension

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



51.3440, -8.5506, -10.8257



64.0460, -13.3337, -16.7033



50.7610, -4.3192, -14.6994



29.7610, -0.8682, -1.5444



60.2610, -29.7087, -37.9399



142.5730, -70.2885, -89.0795



# Inverse Universe

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



43.6560, 8.5506, 10.8257



51.9540, 13.3337, 16.7033



44.2390, 4.3192, 14.6994



28.9400, 1.0156, 0.9296



33.7390, 29.7087, 37.9399

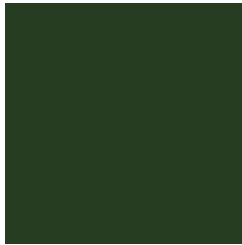


79.4270, 70.2885, 89.0795



# Previews

## White Background



This preview shows how the YUV color 51.3440, -8.5506, -10.8257 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

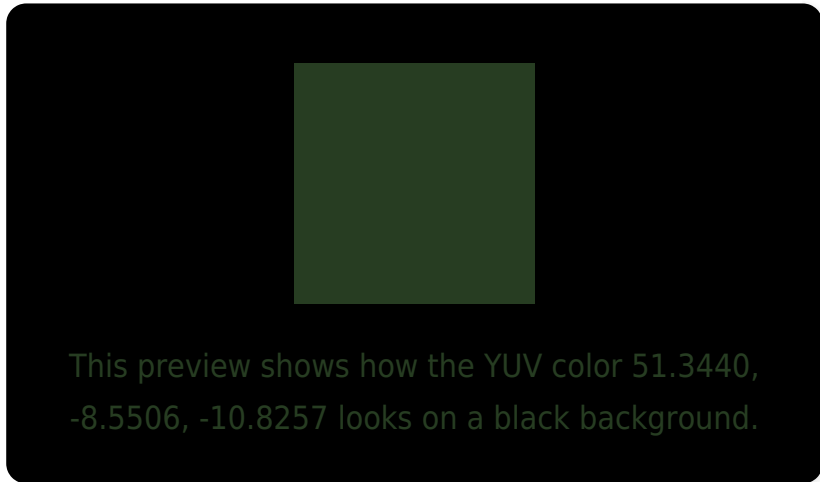
Any Text WCAG AA ✓ Pass

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

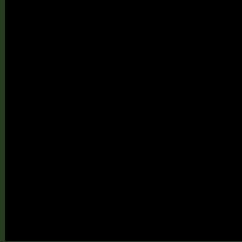
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 51.3440, -8.5506, -10.8257

## Background



This preview shows how black text looks on a background with the YUV color 51.3440, -8.5506, -10.8257.



This preview shows how white text looks on a background with the YUV color 51.3440, -8.5506,



# 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

51.3440, -8.5506, -10.8257

### Protanopia

54.1720, -10.9308, 5.9882

### Deuteranopia

55.2480, -9.4893, 10.3065



## Tritanopia

54.2700, 3.8109, -9.0068

# Trichromacy



## Original Color

51.3440, -8.5506, -10.8257

## Protanomaly

53.0680, -9.8935, -0.0596

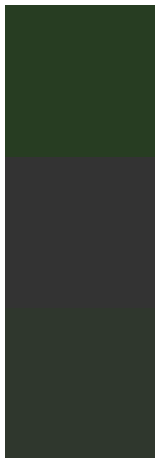
## Deuteranomaly

53.9050, -9.3202, 2.7143

## Tritanomaly

53.1190, -0.5517, -9.7514

# Monochromacy



## Original Color

51.3440, -8.5506, -10.8257

## Achromatopsia

51.0000, 0.0000, 0.0000

## Achromatomaly

51.4680, -3.1887, -3.9184

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 51.3440, -8.5506, -10.8257 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(39, 61, 34)` looks like.

```
.text, #text, p{  
    color:rgb(39, 61, 34)  
}
```

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(39, 61, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 61, 34) }
```

## Border

The CSS property to change the border of an element to YUV 51.3440, -8.5506, -10.8257 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(39, 61, 34) }
```



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

```
.border{ border-color:rgb(39, 61, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 61, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 61, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 61, 34);  
box-shadow:4px 4px 4px 4px rgb(39, 61, 34)  
}
```

# Background

The CSS property to change the background color of an element to YUV 51.3440, -8.5506, -10.8257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 61, 34) }
```

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

```
.background{ background-color: rgb(39, 61,  
34) }
```

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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