

# Converting Colors

YUV(33.3960, -4.1392, -25.7803)

Have a look what the booklet for  
YUV(33.3960, -4.1392, -25.7803)  
contains.

|  |    |
|--|----|
| <b>YUV(33.3960, -4.1392, -25.7803)</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(33.3960, -4.1392,  
-25.7803)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 043219                      |
| RGB           | 4, 50, 25                   |
| RGB Percent   | 2%, 20%, 10%                |
| CMY           | 0.9843, 0.8039, 0.9020      |
| CMYK          | 0.92, 0.00, 0.50, 0.80      |
| HSL           | 147°, 85%, 11%              |
| HSV           | 147°, 92%, 20%              |
| XYZ           | 1.3661, 2.3772, 1.3065      |
| YIQ           | 33.3960, -19.3910, -17.5270 |

# Conversions

## Conversions Part 2

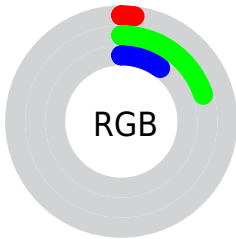
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 4, 36, 50                     |
| Decimal                             | 274969                        |
| CIE <sub>Lab</sub>                  | 17.35, -22.20, 11.72          |
| CIE <sub>LCh</sub>                  | 17, 25.101, 152.170           |
| Yxy                                 | 2.3772, 0.2705,<br>0.4707     |
| Android<br>(android.graphics.Color) | 4278465049<br>(0xFF043219)    |
| YUV                                 | 33.3960, -4.1392,<br>-25.7803 |
| Hunter-Lab                          | 15.4182, -11.1657,<br>5.7685  |

# Details

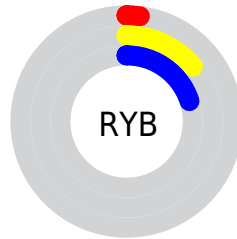
The YUV color **33.3960, -4.1392, -25.7803** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **20.6040, 4.1392, 25.7803**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.8370, -6.3286, -23.5360**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **31.9720, -4.4232, -28.0394**, and if you desaturate by 10%, it is **35.2330, -3.5659, -23.0063**.

# Distribution



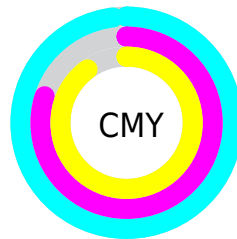
- Red (2%)
- Green (20%)
- Blue (10%)



- Red (2%)
- Yellow (14%)
- Blue (20%)



- Cyan (92%)
- Magenta (0%)
- Yellow (50%)
- Black (80%)



- Cyan (98%)
- Magenta (80%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 33.3960, -4.1392, -25.7803 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 33.3960, -4.1392, -25.7803 by changing the saturation by 10% instead.



■ 33.3960, -4.1392,  
-25.7803

■ 33.3960, -4.1392,  
-25.7803

■ 249.9880, 1.4849,  
-9.6365

■ 17.6100, -8.6817,  
-15.4440

■ 80.8370, -6.3286,  
-23.5360

■ 0.0000, 0.0000,  
0.0000

■ 105.4240, -6.6180,  
-24.0508


■ 131.0110, -6.9074,  
-24.5656


■ 157.1850, -7.4862,  
-25.5952


■ 184.1850, -7.4862,  
-25.5952


■ 211.7720, -7.7756,


-26.1100


 238.0110, -6.9074,  
-24.5656


 33.3960, -4.1392,  
-25.7803


 33.3960, -4.1392,  
-25.7803


 31.9720, -4.4232,  
-28.0394

 35.2330, -3.5659,  
-23.0063

 36.9560, -3.4293,  
-20.1324

 38.7930, -2.8559,  
-17.3585

 40.6300, -2.2826,  
-14.5845

 42.4670, -1.7092,  
-11.8106

■ 44.1900, -1.5727,  
-8.9366

■ 46.0270, -0.9993,  
-6.1627

■ 47.8640, -0.4260,  
-3.3887

■ 49.5870, -0.2894,  
-0.5148

# Harmonies

## Analogous

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



38.3680, -14.9714, -4.7077



33.3960, -4.1392, -25.7803



34.8390, 4.0234, -30.5538

# Triad

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



33.3960, -4.1392, -25.7803



34.8340, 21.7738, -30.5494



41.9990, -8.3805, 28.0649

# Complementary

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



33.3960, -4.1392, -25.7803



20.6040, 4.1392, 25.7803

# 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.



42.4750, -0.2342, 28.5244



33.3960, -4.1392, -25.7803



43.4960, 14.5455, 1.3190

# Square

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



33.3960, -4.1392, -25.7803



37.1990, 18.1429, -32.6235



43.8850, 7.9447, 18.5179



40.8920, -16.2158, 21.1427



# Rectangle

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



33.3960, -4.1392, -25.7803



36.3210, 9.7017, -31.8535



43.8850, 7.9447, 18.5179



41.6940, -5.7651, 29.2094

# Sweetspot

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



33.3960, -4.1392, -25.7803



57.4780, -1.7147, -10.0662



38.4770, -16.9972, -8.3113



29.0270, -0.9993, -6.1627



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000



# Same Dimension

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



33.3960, -4.1392, -25.7803



40.8740, -5.8539, -35.8465



36.0180, 5.9071, -28.0798



24.8750, -0.4314, -1.6444



56.9170, -7.8471, -49.9162



138.6650, -19.5548, -121.6092



# Inverse Universe

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



20.6040, 4.1392, 25.7803



23.1260, 5.8539, 35.8465



17.9820, -5.9071, 28.0798



24.0110, -0.0054, 1.7444



32.1970, 8.2839, 49.8162

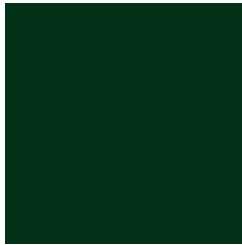


78.3350, 19.5548, 121.6092



# Previews

## White Background



This preview shows how the YUV color 33.3960, -4.1392, -25.7803 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

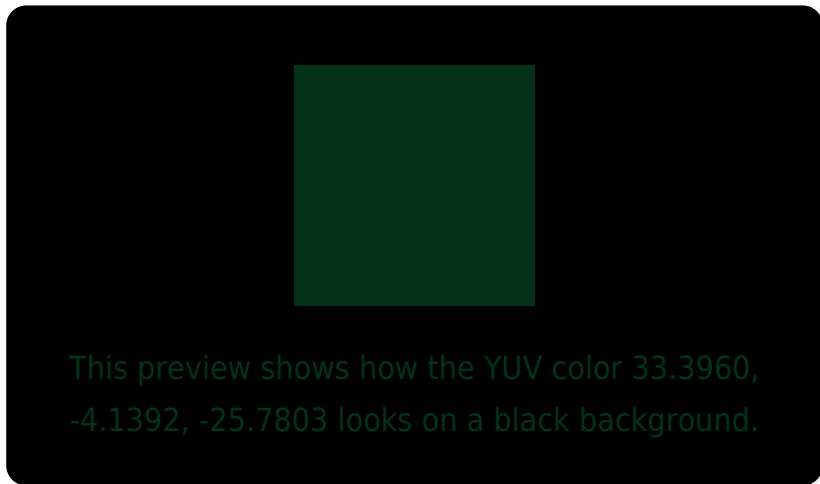
Any Text WCAG AA ✓ Pass

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 33.3960, -4.1392, -25.7803

## Background



This preview shows how black text looks on a background with the YUV color 33.3960, -4.1392, -25.7803.



This preview shows how white text looks on a background with the YUV color 33.3960, -4.1392, -25.7803.

-25.7803.

# 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

33.3960, -4.1392, -25.7803

### Protanopia

42.2150, -9.4730, 5.0734

### Deuteranopia

42.6930, -7.7366, 8.1622



**Tritanopia**

39.0840, 5.8746, -17.6137

# Trichromacy



## Original Color

33.3960, -4.1392, -25.7803

## Protanomaly

39.3060, -7.5459, -6.4074

## Deuteranomaly

39.2570, -6.5357, -3.7334

## Tritanomaly

37.1500, 2.3911, -20.3025

# Monochromacy



## Original Color

33.3960, -4.1392, -25.7803

## Achromatopsia

33.0000, 0.0000, 0.0000

## Achromatomaly

32.8910, -1.4253, -9.5514

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 33.3960, -4.1392, -25.7803 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(4, 50, 25)` looks like.

```
.text, #text, p{  
    color:rgb(4, 50, 25)  
}
```

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(4, 50, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 50, 25) }
```

## Border

The CSS property to change the border of an element to YUV 33.3960, -4.1392, -25.7803 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(4, 50, 25) }
```



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

```
.border{ border-color:rgb(4, 50, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 50, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 50, 25); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 50, 25); box-shadow:4px  
4px 4px 4px rgb(4, 50, 25) }
```

# Background

The CSS property to change the background color of an element to YUV 33.3960, -4.1392, -25.7803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 50, 25) }
```

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

```
.background{ background-color: rgb(4, 50,  
25) }
```

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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