

# Converting Colors

YUV(53.1640, -5.5039, -8.0368)

Have a look what the booklet for  
YUV(53.1640, -5.5039, -8.0368)  
contains.

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# Color

**YUV(53.1640, -5.5039,  
-8.0368)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2C3C2A
RGB	44, 60, 42
RGB Percent	17%, 24%, 16%
CMY	0.8275, 0.7647, 0.8353
CMYK	0.27, 0.00, 0.30, 0.76
HSL	113°, 18%, 20%
HSV	113°, 30%, 24%
XYZ	3.0725, 3.9344, 2.7880
YIQ	53.1640, -3.7580, -8.9900

# Conversions

## Conversions Part 2

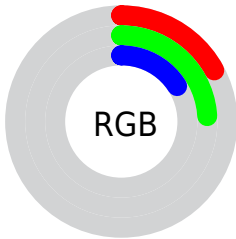
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 60, 58
Decimal	2898986
CIE <sub>Lab</sub>	23.45, -10.78, 9.07
CIE <sub>LCh</sub>	23, 14.091, 139.909
Y <sub>xy</sub>	3.9344, 0.3137, 0.4017
Android (android.graphics.Color)	4281089066 (0xFF2C3C2A)
Y <sub>UV</sub>	53.1640, -5.5039, -8.0368
Hunter-Lab	19.8352, -7.0619, 5.5511

# Details

The YUV color **53.1640, -5.5039, -8.0368** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.8360, 5.5039, 8.0368**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6370, -6.2300, -8.4516**, and **10.5660, -5.2090, -9.2664** is the 20% darker color. If you saturate the color by 10%, you get **50.9850, -7.3876, -10.5108**, and if you desaturate by 10%, it is **55.3430, -3.6201, -5.5628**.

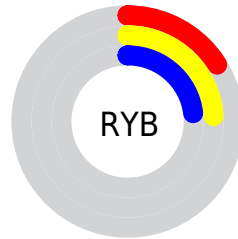
# Distribution



Red (17%)

Green (24%)

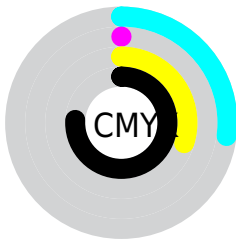
Blue (16%)



Red (16%)

Yellow (24%)

Blue (23%)

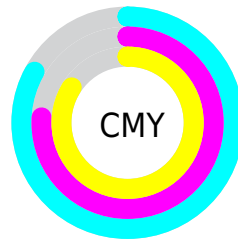


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 53.1640, -5.5039, -8.0368 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 53.1640, -5.5039, -8.0368 by changing the saturation by 10% instead.



■ 53.1640, -5.5039,  
-8.0368

■ 53.1640, -5.5039,  
-8.0368

255.0000, 0.0000,  
0.0000

■ 31.6910, -4.7777,  
-7.6220

■ 99.6370, -6.2300,  
-8.4516

■ 10.5660, -5.2090,  
-9.2664

■ 125.2240, -6.5194,  
-8.9664

■ 0.0000, 0.0000,  
0.0000

■ 150.8110, -6.8088,  
-9.4812

■ 177.6970, -7.2456,  
-9.3813

■ 204.8110, -6.8088,  
-9.4812

■ 233.2840, -7.5350,

-9.8961

252.5930, -2.7573,  
-2.2741

53.1640, -5.5039,  
-8.0368

53.1640, -5.5039,  
-8.0368

50.9850, -7.3876,  
-10.5108

55.3430, -3.6201,  
-5.5628

48.5070, -9.1240,  
-13.5996

57.8210, -1.8838,  
-2.4740

46.3280, -11.0077,  
-16.0737

60.0000, 0.0000,  
0.0000

44.1490, -12.8915,  
-18.5477

62.1790, 1.8838,  
2.4740

41.6710, -14.6278,  
-21.6365

64.6570, 3.6201,  
5.5628

■ 39.4920, -16.5116,  
-24.1105

■ 66.8360, 5.5039,  
8.0368

■ 37.3130, -18.3953,  
-26.5845

■ 69.0150, 7.3876,  
10.5108

■ 71.4930, 9.1240,  
13.5996

■ 73.6720, 11.0077,  
16.0737

# Harmonies

## Analogous

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



54.3070, -9.0254, 1.4848



53.1640, -5.5039, -8.0368



51.3030, 0.3436, -16.9287

# Triad

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



53.1640, -5.5039, -8.0368



53.7730, 10.9579, -14.7099



56.7850, -3.8380, 17.7286

# Complementary

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



53.1640, -5.5039, -8.0368



48.8360, 5.5039, 8.0368

# 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.



57.1420, 1.4090, 14.7845



53.1640, -5.5039, -8.0368



55.9100, 9.9044, -3.4291

# Square

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



53.1640, -5.5039, -8.0368



50.6040, 10.5482, -23.3317



57.6510, 6.0881, 7.3221



56.6230, -8.1951, 15.2396



# Rectangle

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



53.1640, -5.5039, -8.0368



50.5950, 4.1437, -22.4468



57.6510, 6.0881, 7.3221



57.2410, -2.0908, 17.3286

# Sweetspot

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



53.1640, -5.5039, -8.0368



76.4080, -2.1731, -2.9888



56.7740, -7.2836, 2.8292



39.2340, -1.5944, -1.9592



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.



53.1640, -5.5039, -8.0368



68.3330, -8.5452, -12.5700



53.3640, -2.1515, -9.9662



29.7610, -0.8682, -1.5444



58.1680, -28.6768, -42.2433



137.7890, -67.9300, -98.9160



# Inverse Universe

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



48.8360, 5.5039, 8.0368



61.6670, 8.5452, 12.5700



48.6360, 2.1515, 9.9662



28.9400, 1.0156, 0.9296



35.8320, 28.6768, 42.2433



84.2110, 67.9300, 98.9160



# Previews

## White Background



This preview shows how the YUV color 53.1640, -5.5039, -8.0368 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

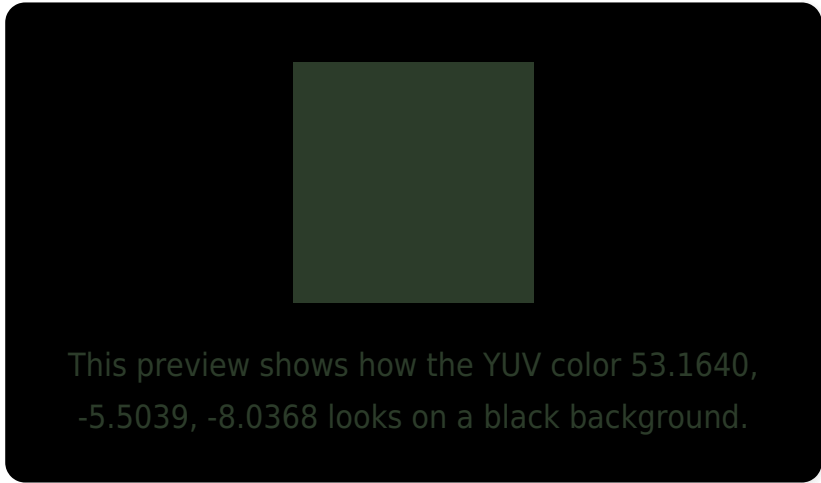
Any Text WCAG AA ✓ Pass

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 53.1640, -5.5039, -8.0368**

## **Background**



This preview shows how black text looks on a background with the YUV color 53.1640, -5.5039, -8.0368.



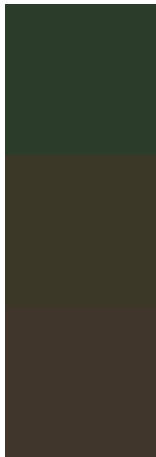
This preview shows how white text looks on a background with the YUV color 53.1640, -5.5039,

-8.0368.

# 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

53.1640, -5.5039, -8.0368

### Protanopia

55.3720, -7.5784, 4.0588

### Deuteranopia

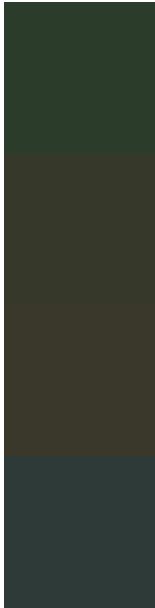
56.0350, -6.4263, 7.8623



## Tritanopia

54.5800, 3.6581, -6.6477

# Trichromacy



## Original Color

53.1640, -5.5039, -8.0368

## Protanomaly

54.2790, -6.5465, -0.2447

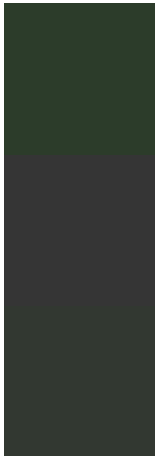
## Deuteranomaly

54.8170, -5.8258, 1.9145

## Tritanomaly

54.0700, 0.4585, -7.0774

# Monochromacy



## Original Color

53.1640, -5.5039, -8.0368

## Achromatopsia

53.0000, 0.0000, 0.0000

## Achromatomaly

53.4080, -2.1731, -2.9888

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 53.1640, -5.5039, -8.0368 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(44, 60, 42)` looks like.

```
.text, #text, p{  
    color:rgb(44, 60, 42)  
}
```

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(44, 60, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 60, 42) }
```

## Border

The CSS property to change the border of an element to YUV 53.1640, -5.5039, -8.0368 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(44, 60, 42) }
```



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

```
.border{ border-color:rgb(44, 60, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 60, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 60, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 60, 42);  
box-shadow:4px 4px 4px 4px rgb(44, 60, 42)  
}
```

# Background

The CSS property to change the background color of an element to YUV 53.1640, -5.5039, -8.0368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 60, 42) }
```

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

```
.background{ background-color: rgb(44, 60,  
42) }
```

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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