

# Converting Colors

YUV(62.7240, -4.7939, -2.3889)

Have a look what the booklet for  
YUV(62.7240, -4.7939, -2.3889)  
contains.

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# Color

**YUV(62.7240, -4.7939,  
-2.3889)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C4235
RGB	60, 66, 53
RGB Percent	24%, 26%, 21%
CMY	0.7647, 0.7412, 0.7922
CMYK	0.09, 0.00, 0.20, 0.74
HSL	88°, 11%, 23%
HSV	88°, 20%, 26%
XYZ	4.4543, 5.1141, 4.1205
YIQ	62.7240, 0.5970, -5.3150

# Conversions

## Conversions Part 2

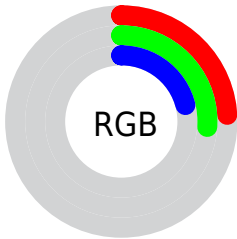
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	53, 66, 59
Decimal	3949109
CIE <sub>Lab</sub>	27.06, -5.33, 7.09
CIE <sub>LCh</sub>	27, 8.867, 126.910
Yxy	5.1141, 0.3254, 0.3736
Android (android.graphics.Color)	4282139189 (0xFF3C4235)
YUV	62.7240, -4.7939, -2.3889
Hunter-Lab	22.6144, -4.4167, 5.0270

# Details

The YUV color **62.7240, -4.7939, -2.3889** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56.2760, 4.7939, 2.3889**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.3110, -5.0833, -2.9037**, and **20.3820, -6.1043, -2.0890** is the 20% darker color. If you saturate the color by 10%, you get **61.0290, -7.4093, -3.5334**, and if you desaturate by 10%, it is **64.4190, -2.1786, -1.2445**.

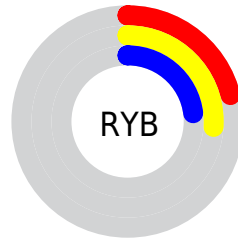
# Distribution



Red (24%)

Green (26%)

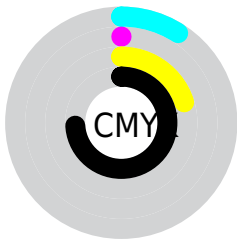
Blue (21%)



Red (21%)

Yellow (26%)

Blue (23%)

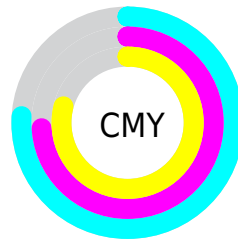


Cyan (9%)

Magenta (0%)

Yellow (20%)

Black (74%)



Cyan (76%)

Magenta (74%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.7240, -4.7939, -2.3889 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 62.7240, -4.7939, -2.3889 by changing the saturation by 10% instead.



■ 62.7240, -4.7939,  
-2.3889

■ 62.7240, -4.7939,  
-2.3889

255.0000, 0.0000,  
0.0000

■ 40.8380, -4.3571,  
-2.4889

■ 110.3110, -5.0833,  
-2.9037

■ 20.3820, -6.1043,  
-2.0890

■ 135.4960, -5.6675,  
-2.1890

■ 0.0000, 0.0000,  
0.0000

■ 162.0830, -5.9569,  
-2.7038

■ 189.0830, -5.9569,  
-2.7038

■ 216.6700, -6.2463,  
-3.2186

■ 245.0830, -5.9569,

-2.7038

■ 62.7240, -4.7939,  
-2.3889

■ 62.7240, -4.7939,  
-2.3889

■ 61.0290, -7.4093,  
-3.5334

■ 64.4190, -2.1786,  
-1.2445

■ 59.4480, -9.5879,  
-4.7779

■ 66.0000, 0.0000,  
0.0000

■ 57.7530, -12.2032,  
-5.9224

■ 67.6950, 2.6154,  
1.1445

■ 56.1720, -14.3818,  
-7.1668

■ 69.2760, 4.7939,  
2.3889

■ 54.4770, -16.9972,  
-8.3113

■ 70.9710, 7.4093,  
3.5334

■ 52.7820, -19.6125,  
-9.4558

■ 72.6660, 10.0247,  
4.6779

■ 51.2010, -21.7911,  
-10.7003

■ 74.2470, 12.2032,  
5.9224

■ 49.5060, -24.4065,  
-11.8448

■ 75.9420, 14.8186,  
7.0669

■ 77.5230, 16.9972,  
8.3113

# Harmonies

## Analogous

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



63.7140, -6.2680, 3.7588



62.7240, -4.7939, -2.3889



61.7880, -1.8675, -7.7071

# Triad

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



62.7240, -4.7939, -2.3889



62.3560, 6.7265, -10.8362



65.1370, -1.0535, 11.2809

# Complementary

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



62.7240, -4.7939, -2.3889



56.2760, 4.7939, 2.3889

# 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.



65.2120, 1.8675, 7.7071



62.7240, -4.7939, -2.3889



63.6880, 6.5628, -4.9884

# Square

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



62.7240, -4.7939, -2.3889



61.2910, 5.2795, -13.4102



64.9770, 4.9413, 1.7742



64.9260, -4.4005, 11.4659



# Rectangle

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



62.7240, -4.7939, -2.3889



61.7490, 0.6167, -11.1809



64.9770, 4.9413, 1.7742



65.0660, -0.0325, 10.4661

# Sweetspot

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



62.7240, -4.7939, -2.3889



85.4190, -2.1786, -1.2445



60.4090, -3.6526, 4.9033



42.3590, -1.1630, -0.3148



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000



# Same Dimension

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



62.7240, -4.7939, -2.3889



81.6160, -7.6987, -4.0482



60.9300, -3.9095, -6.0776



32.3590, -1.1630, -0.3148



72.4870, -35.7361, -17.9671



167.6670, -82.6598, -40.9270



# Inverse Universe

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



56.2760, 4.7939, 2.3889



71.0850, 7.8461, 3.4335



58.0700, 3.9095, 6.0776



30.6410, 1.1630, 0.3148



24.5130, 35.7361, 17.9671



56.6320, 82.5124, 41.5417



# Previews

## White Background



This preview shows how the YUV color 62.7240, -4.7939, -2.3889 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

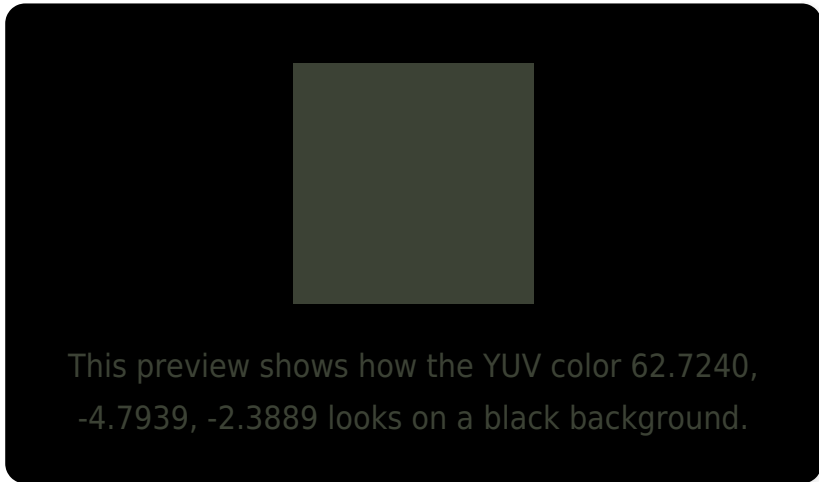
Any Text WCAG AA ✓ Pass

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

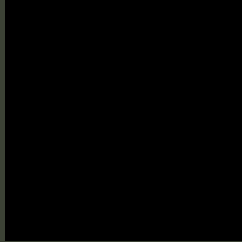
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

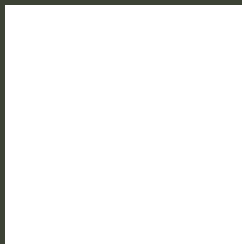
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 62.7240, -4.7939, -2.3889**

## **Background**



This preview shows how black text looks on a background with the YUV color 62.7240, -4.7939, -2.3889.



This preview shows how white text looks on a background with the YUV color 62.7240, -4.7939, -2.3889.

-2.3889.

# 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

62.7240, -4.7939, -2.3889

### Protanopia

63.8280, -5.8312, 3.6588

### Deuteranopia

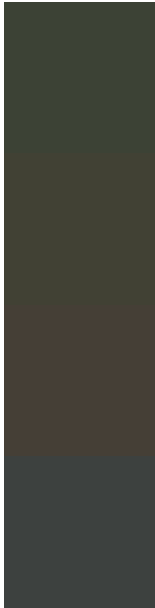
64.0890, -4.9739, 8.6919



## Tritanopia

63.9720, 2.4788, -1.7294

# Trichromacy



## Original Color

62.7240, -4.7939, -2.3889

## Protanomaly

63.5180, -5.6784, 1.2997

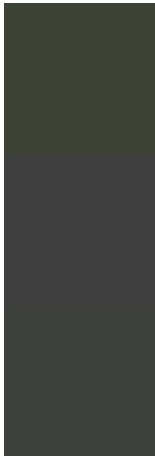
## Deuteranomaly

63.7680, -4.8156, 4.5885

## Tritanomaly

63.5760, -0.2840, -2.2592

# Monochromacy



## Original Color

62.7240, -4.7939, -2.3889

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

62.8320, -1.8892, -0.7297

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.7240, -4.7939, -2.3889 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(60, 66, 53)` looks like.

```
.text, #text, p{  
    color:rgb(60, 66, 53)  
}
```

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(60, 66, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 66, 53) }
```

## Border

The CSS property to change the border of an element to YUV 62.7240, -4.7939, -2.3889 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(60, 66, 53) }
```



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

```
.border{ border-color:rgb(60, 66, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 66, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 66, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 66, 53);  
box-shadow:4px 4px 4px 4px rgb(60, 66, 53)  
}
```

# Background

The CSS property to change the background color of an element to YUV 62.7240, -4.7939, -2.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 66, 53) }
```

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

```
.background{ background-color: rgb(60, 66,  
53) }
```

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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