

# Converting Colors

YUV(62.2570, -6.5357, -3.7334)

Have a look what the booklet for  
YUV(62.2570, -6.5357, -3.7334)  
contains.

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# Color

**YUV(62.2570, -6.5357,  
-3.7334)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A4331
RGB	58, 67, 49
RGB Percent	23%, 26%, 19%
CMY	0.7725, 0.7373, 0.8078
CMYK	0.13, 0.00, 0.27, 0.74
HSL	90°, 16%, 23%
HSV	90°, 27%, 26%
XYZ	4.3065, 5.1356, 3.6700
YIQ	62.2570, 0.4140, -7.5060

# Conversions

## Conversions Part 2

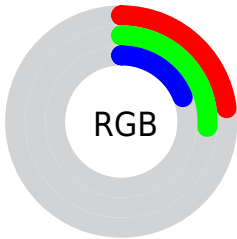
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 67, 58
Decimal	3818289
CIELab	27.12, -7.60, 9.74
CIELCh	27, 12.352, 127.982
Yxy	5.1356, 0.3284, 0.3917
Android (android.graphics.Color)	4282008369 (0xFF3A4331)
YUV	62.2570, -6.5357, -3.7334
Hunter-Lab	22.6619, -5.7377, 6.2615

# Details

The YUV color **62.2570, -6.5357, -3.7334** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **53.7430, 6.5357, 3.7334**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.7300, -7.2619, -4.1482**, and **19.1000, -8.4303, -2.7187** is the 20% darker color. If you saturate the color by 10%, you get **60.5620, -9.1511, -4.8779**, and if you desaturate by 10%, it is **63.9520, -3.9203, -2.5889**.

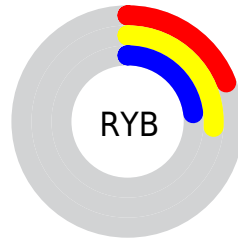
# Distribution



Red (23%)

Green (26%)

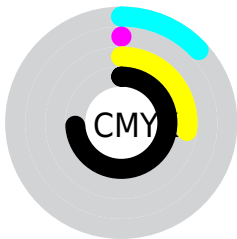
Blue (19%)



Red (19%)

Yellow (26%)

Blue (23%)

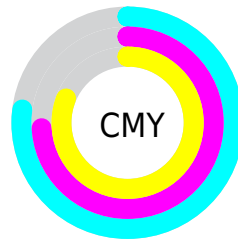


Cyan (13%)

Magenta (0%)

Yellow (27%)

Black (74%)



Cyan (77%)

Magenta (74%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.2570, -6.5357, -3.7334 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 62.2570, -6.5357, -3.7334 by changing the saturation by 10% instead.



62.2570, -6.5357,  
-3.7334

62.2570, -6.5357,  
-3.7334

255.0000, 0.0000,  
0.0000

40.3710, -6.0989,  
-3.8334

109.7300, -7.2619,  
-4.1482

19.1000, -8.4303,  
-2.7187

135.3170, -7.5513,  
-4.6630

0.0000, 0.0000,  
0.0000

161.6160, -7.6987,  
-4.0482

188.5020, -8.1355,  
-3.9483

216.2030, -7.9881,  
-4.5630

245.0890, -8.4249,

-4.4631

■ 62.2570, -6.5357,  
-3.7334

■ 62.2570, -6.5357,  
-3.7334

■ 60.5620, -9.1511,  
-4.8779

■ 63.9520, -3.9203,  
-2.5889

■ 58.6820, -11.1822,  
-6.7371

■ 65.8320, -1.8892,  
-0.7297

■ 56.9870, -13.7976,  
-7.8816

■ 67.5270, 0.7262,  
0.4148

■ 55.2920, -16.4130,  
-9.0261

■ 69.2220, 3.3416,  
1.5593

■ 53.4120, -18.4441,  
-10.8853

■ 71.2160, 5.8095,  
3.3186

■ 51.7170, -21.0595,  
-12.0298

■ 72.7970, 7.9881,  
4.5630

■ 50.0220, -23.6748,  
-13.1743

■ 74.4920, 10.6034,  
5.7075

■ 49.1960, -24.2536,  
-14.2039

■ 76.4860, 13.0714,  
7.4668

■ 78.0670, 15.2500,  
8.7112

# Harmonies

## Analogous

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



63.0300, -8.8888, 4.3587



62.2570, -6.5357, -3.7334



61.0540, -1.9986, -12.3254

# Triad

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



62.2570, -6.5357, -3.7334



61.7190, 9.5055, -15.5396



65.3440, -1.6486, 15.4843

# Complementary

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



62.2570, -6.5357, -3.7334



53.7430, 6.5357, 3.7334

# 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.



65.4620, 2.7302, 10.9958



62.2570, -6.5357, -3.7334



63.7740, 9.4784, -6.8178

# Square

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



62.2570, -6.5357, -3.7334



60.1160, 7.3378, -20.2727



65.4440, 6.6831, 3.1186



64.6060, -5.7218, 15.2545



# Rectangle

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



62.2570, -6.5357, -3.7334



59.9440, 1.5066, -16.6139



65.4440, 6.6831, 3.1186



65.3870, -0.1908, 14.5696

# Sweetspot

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



62.2570, -6.5357, -3.7334



85.0060, -2.4680, -1.7593



59.6650, -5.2578, 6.4328



41.9460, -1.4524, -0.8296



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.



62.2570, -6.5357, -3.7334



79.6220, -10.1666, -5.8075



59.5660, -5.2090, -9.2664



32.0600, -1.0156, -0.9296



71.2910, -35.1465, -20.4262



164.9760, -81.3332, -46.4600



# Inverse Universe

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



53.7430, 6.5357, 3.7334



66.3780, 10.1666, 5.8075



56.4340, 5.2090, 9.2664



30.6410, 1.1630, 0.3148



25.4100, 35.2939, 19.8114



59.0240, 81.3332, 46.4600



# Previews

## White Background



This preview shows how the YUV color 62.2570, -6.5357, -3.7334 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

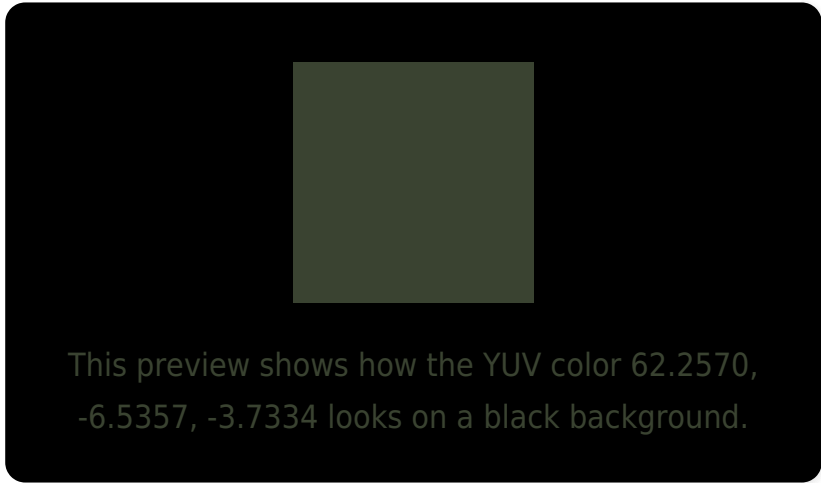
Any Text WCAG AA ✓ Pass

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 62.2570, -6.5357, -3.7334

## Background



This preview shows how black text looks on a background with the YUV color 62.2570, -6.5357, -3.7334.



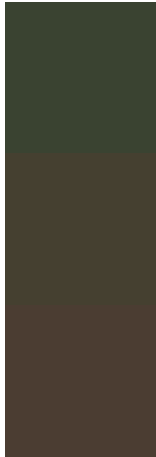
This preview shows how white text looks on a background with the YUV color 62.2570, -6.5357,

-3.7334.

# 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

62.2570, -6.5357, -3.7334

### Protanopia

63.6710, -7.7258, 4.6735

### Deuteranopia

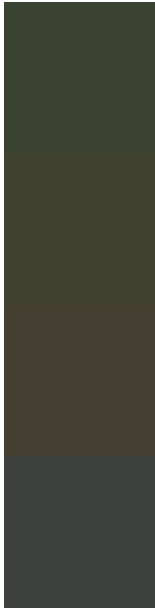
63.9320, -6.8685, 9.7066



## Tritanopia

63.6730, 2.6262, -2.3442

# Trichromacy



## Original Color

62.2570, -6.5357, -3.7334

## Protanomaly

63.0620, -7.4256, 1.6996

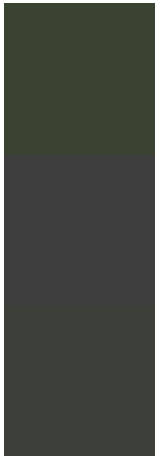
## Deuteranomaly

63.3120, -6.5628, 4.9884

## Tritanomaly

63.1630, -0.5734, -2.7740

# Monochromacy



## Original Color

62.2570, -6.5357, -3.7334

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.3050, -2.6154, -1.1445

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.2570, -6.5357, -3.7334 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(58, 67, 49)` looks like.

```
.text, #text, p{  
    color:rgb(58, 67, 49)  
}
```

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(58, 67, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 67, 49) }
```

## Border

The CSS property to change the border of an element to YUV 62.2570, -6.5357, -3.7334 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(58, 67, 49) }
```



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

```
.border{ border-color:rgb(58, 67, 49) }
```

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

Here you see how a box with a 4 pixel rgb(58, 67, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 67, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 67, 49);  
box-shadow:4px 4px 4px 4px rgb(58, 67, 49)  
}
```

# Background

The CSS property to change the background color of an element to YUV 62.2570, -6.5357, -3.7334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 67, 49) }
```

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

```
.background{ background-color: rgb(58, 67,  
49) }
```

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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