

# Converting Colors

YUV(73.8270, -7.8027, -17.3883)

Have a look what the booklet for  
YUV(73.8270, -7.8027, -17.3883)  
contains.

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# Color

**YUV(73.8270, -7.8027,  
-17.3883)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	36573A
RGB	54, 87, 58
RGB Percent	21%, 34%, 23%
CMY	0.7882, 0.6588, 0.7725
CMYK	0.38, 0.00, 0.33, 0.66
HSL	127°, 23%, 28%
HSV	127°, 38%, 34%
XYZ	5.6932, 7.9061, 5.2290
YIQ	73.8270, -10.3590, -16.0150

# Conversions

## Conversions Part 2

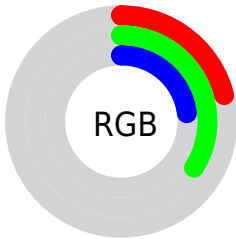
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 83, 87
Decimal	3561274
CIELab	33.79, -18.96, 13.14
CIELCh	34, 23.073, 145.278
Yxy	7.9061, 0.3024, 0.4199
Android (android.graphics.Color)	4281751354 (0xFF36573A)
YUV	73.8270, -7.8027, -17.3883
Hunter-Lab	28.1179, -13.0640, 8.6566

# Details

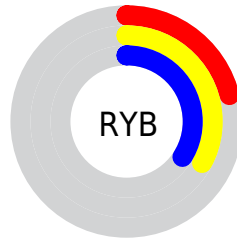
The YUV color **73.8270, -7.8027, -17.3883** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.1730, 7.8027, 17.3883**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.8870, -8.8183, -18.3179**, and **28.1690, -6.4923, -17.6882** is the 20% darker color. If you saturate the color by 10%, you get **70.2240, -9.9704, -22.1214**, and if you desaturate by 10%, it is **77.4300, -5.6350, -12.6551**.

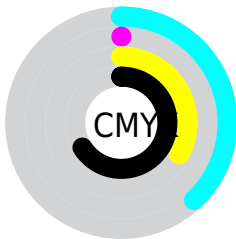
# Distribution



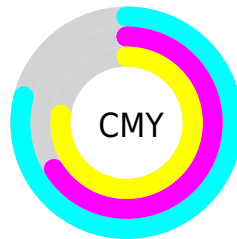
- Red (21%)
- Green (34%)
- Blue (23%)



- Red (21%)
- Yellow (33%)
- Blue (34%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (66%)



- Cyan (79%)
- Magenta (66%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 73.8270, -7.8027, -17.3883 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 73.8270, -7.8027, -17.3883 by changing the saturation by 10% instead.



■ 73.8270, -7.8027,  
-17.3883

■ 73.8270, -7.8027,  
-17.3883

255.0000, 0.0000,  
0.0000

■ 50.9410, -7.3659,  
-17.4883

■ 122.8870, -8.8183,  
-18.3179

■ 28.1690, -6.4923,  
-17.6882

■ 148.8870, -8.8183,  
-18.3179

■ 12.9140, -6.3666,  
-11.3256

■ 176.0610, -9.3971,  
-19.3475

■ 0.0000, 0.0000,  
0.0000

■ 203.0610, -9.3971,  
-19.3475

■ 231.5340,  
-10.1233, -19.7623

■ 247.9080, -3.8986,

-9.5663

■ 73.8270, -7.8027,  
-17.3883

■ 73.8270, -7.8027,  
-17.3883

■ 70.2240, -9.9704,  
-22.1214

■ 77.4300, -5.6350,  
-12.6551

■ 67.0340, -11.8488,  
-26.3398

■ 80.6200, -3.7567,  
-8.4367

■ 63.4310, -14.0165,  
-31.0730

■ 84.2230, -1.5889,  
-3.7036

■ 59.8280, -16.1842,  
-35.8062

■ 87.8260, 0.5788,  
1.0296

■ 56.3390, -17.9151,  
-40.6393

■ 91.3150, 2.3097,  
5.8627

■ 53.0350, -20.2303,  
-44.7577

■ 94.6190, 4.6248,  
9.9811

■ 52.3230, -20.3722,  
-45.8873

■ 98.2220, 6.7926,  
14.7143

■ 101.7110, 8.5235,  
19.5475

■ 105.0150, 10.8386,  
23.6658

# Harmonies

## Analogous

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



76.6890, -15.1297, -0.6043



73.8270, -7.8027, -17.3883



69.2790, 3.3135, -36.2017

# Triad

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



73.8270, -7.8027, -17.3883



75.4110, 20.0104, -24.9164



80.5370, -7.6597, 30.2241

# Complementary

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



73.8270, -7.8027, -17.3883



67.1730, 7.8027, 17.3883

# 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.



81.1050, 0.9342, 27.0949



73.8270, -7.8027, -17.3883



80.4030, 15.5773, -2.9844

# Square

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



73.8270, -7.8027, -17.3883



65.2890, 21.5495, -51.9965



81.8030, 8.9711, 15.9588



79.6690, -14.6268, 24.8463



# Rectangle

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



73.8270, -7.8027, -17.3883



63.4710, 12.0928, -52.1561



81.8030, 8.9711, 15.9588



80.6340, -4.7496, 30.1390

# Sweetspot

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



73.8270, -7.8027, -17.3883



107.1580, -3.0359, -6.2776



82.0420, -13.8247, 0.8402



53.2230, -1.5889, -3.7036



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000



# Same Dimension

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



73.8270, -7.8027, -17.3883



91.6210, -12.1382, -26.8546



75.6510, -0.8139, -18.9879



41.4620, -0.7208, -2.1592



64.2910, -25.2865, -56.3832



141.1370, -55.7765, -123.7771



# Inverse Universe

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



67.1730, 7.8027, 17.3883



81.3790, 12.1382, 26.8546



65.3490, 0.8139, 18.9879



40.6520, 1.1576, 2.0592



42.7090, 25.2865, 56.3832

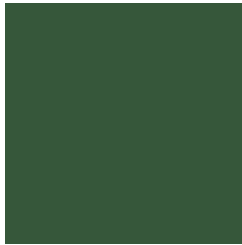


93.7490, 55.3397, 123.8771



# Previews

## White Background



This preview shows how the YUV color 73.8270, -7.8027, -17.3883 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

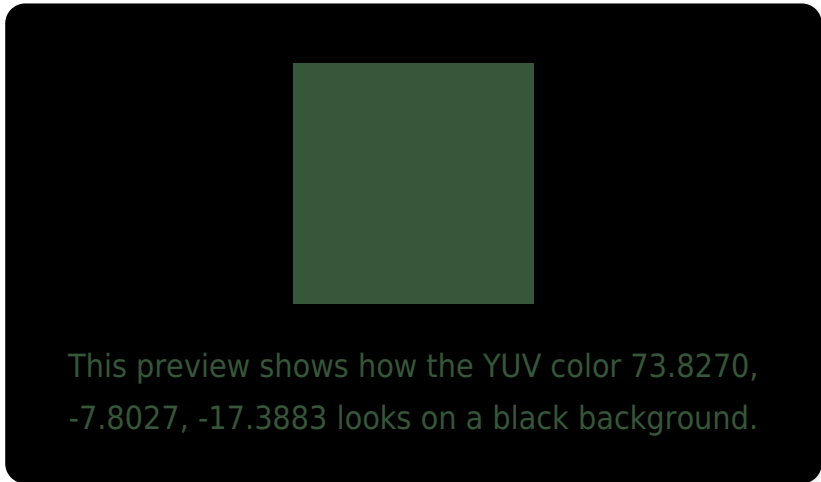
Any Text WCAG AA ✓ Pass

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

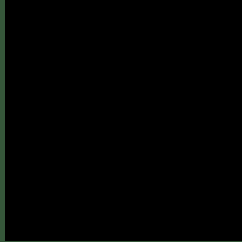
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 73.8270, -7.8027, -17.3883

## Background



This preview shows how black text looks on a background with the YUV color 73.8270, -7.8027, -17.3883.



This preview shows how white text looks on a background with the YUV color 73.8270, -7.8027, -17.3883.



# 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

73.8270, -7.8027, -17.3883

### Protanopia

78.3570, -11.5150, 6.7029

### Deuteranopia

79.2590, -9.4947, 12.0509



## Tritanopia

76.9210, 6.4479, -14.8397

# Trichromacy



## Original Color

73.8270, -7.8027, -17.3883

## Protanomaly

76.6440, -10.1775, -2.3188

## Deuteranomaly

77.3070, -9.0254, 1.4848

## Tritanomaly

75.5420, 1.2118, -15.3843

# Monochromacy



## Original Color

73.8270, -7.8027, -17.3883

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

74.1580, -3.0359, -6.2776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.8270, -7.8027, -17.3883 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(54, 87, 58)` looks like.

```
.text, #text, p{  
    color:rgb(54, 87, 58)  
}
```

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(54, 87, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 87, 58) }
```

## Border

The CSS property to change the border of an element to YUV 73.8270, -7.8027, -17.3883 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(54, 87, 58) }
```



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

```
.border{ border-color:rgb(54, 87, 58) }
```

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

Here you see how a box with a 4 pixel rgb(54, 87, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 87, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 87, 58);  
box-shadow:4px 4px 4px 4px rgb(54, 87, 58)  
}
```

# Background

The CSS property to change the background color of an element to YUV 73.8270, -7.8027, -17.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 87, 58) }
```

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

```
.background{ background-color: rgb(54, 87,  
58) }
```

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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