

# Converting Colors

YUV(69.6020, -16.5658, -6.6670)

Have a look what the booklet for  
YUV(69.6020, -16.5658, -6.6670)  
contains.

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# Color

**YUV(69.6020, -16.5658,  
-6.6670)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E5024
RGB	62, 80, 36
RGB Percent	24%, 31%, 14%
CMY	0.7569, 0.6863, 0.8588
CMYK	0.22, 0.00, 0.55, 0.69
HSL	85°, 38%, 23%
HSV	85°, 55%, 31%
XYZ	5.1737, 6.8888, 2.7261
YIQ	69.6020, 3.3960, -17.5000

# Conversions

## Conversions Part 2

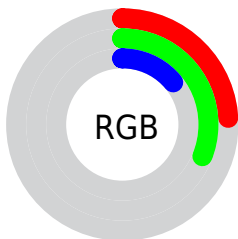
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 80, 54
Decimal	4083748
CIELab	31.55, -15.48, 23.48
CIElCh	32, 28.120, 123.391
Yxy	6.8888, 0.3498, 0.4658
Android (android.graphics.Color)	4282273828 (0xFF3E5024)
YUV	69.6020, -16.5658, -6.6670
Hunter-Lab	26.2466, -10.7457, 12.2145

# Details

The YUV color **69.6020, -16.5658, -6.6670** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.3980, 16.5658, 6.6670**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.2600, -17.8762, -6.3670**, and **26.2260, -12.9294, -6.3372** is the 20% darker color. If you saturate the color by 10%, you get **67.7930, -19.6179, -7.7115**, and if you desaturate by 10%, it is **71.4110, -13.5136, -5.6224**.

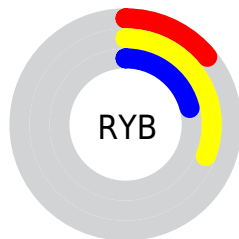
# Distribution



Red (24%)

Green (31%)

Blue (14%)



Red (14%)

Yellow (31%)

Blue (21%)

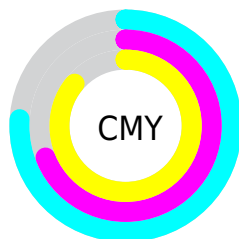


Cyan (22%)

Magenta (0%)

Yellow (55%)

Black (69%)



Cyan (76%)

Magenta (69%)

Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 69.6020, -16.5658, -6.6670 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 69.6020, -16.5658, -6.6670 by changing the saturation by 10% instead.



■ 69.6020, -16.5658,  
-6.6670

■ 69.6020, -16.5658,  
-6.6670

255.0000, 0.0000,  
0.0000

■ 46.7160, -16.1290,  
-6.7669

■ 118.2600,  
-17.8762, -6.3670

■ 26.2260, -12.9294,  
-6.3372

■ 143.7330,  
-18.6024, -6.7818

■ 6.4570, -3.1833,  
-5.6628

■ 170.6190,  
-19.0392, -6.6819

■ 0.0000, 0.0000,  
0.0000

■ 198.0920,  
-19.7654, -7.0967

■ 225.9780,  
-20.2022, -6.9967

■ 247.8200,

-17.1663, -0.7191

253.5180, -5.6784,  
1.2997

69.6020, -16.5658,  
-6.6670

69.6020, -16.5658,  
-6.6670

67.7930, -19.6179,  
-7.7115

71.4110, -13.5136,  
-5.6224

65.6850, -22.5227,  
-9.3707

73.5190, -10.6089,  
-3.9632

63.8760, -25.5749,  
-10.4153

75.3280, -7.5567,  
-2.9187

62.0670, -28.6270,  
-11.4598

77.1370, -4.5045,  
-1.8741

61.0130, -30.0794,  
-12.2894

78.9460, -1.4524,  
-0.8296

■ 81.0540, 1.4524,  
0.8296

■ 82.8630, 4.5045,  
1.8741

■ 84.6720, 7.5567,  
2.9187

■ 86.4810, 10.6089,  
3.9632

# Harmonies

## Analogous

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



72.1590, -21.2774, 11.2616



69.6020, -16.5658, -6.6670



65.0320, -5.4388, -28.9691

# Triad

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



69.6020, -16.5658, -6.6670



61.0160, 25.6281, -53.5110



75.5790, -1.2714, 34.5722

# Complementary

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



69.6020, -16.5658, -6.6670



46.3980, 16.5658, 6.6670

# 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.



76.1460, 8.8020, 23.5510



69.6020, -16.5658, -6.6670



70.0240, 23.6522, -26.3310

# Square

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



69.6020, -16.5658, -6.6670



61.0670, 18.2080, -53.5558



75.6040, 17.4502, 2.9783



74.5330, -11.6018, 34.6126



# Rectangle

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



69.6020, -16.5658, -6.6670



57.6470, 5.1040, -50.5564



75.6040, 17.4502, 2.9783



75.4800, 2.2284, 32.0280

# Sweetspot

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



69.6020, -16.5658, -6.6670



100.5560, -6.6831, -3.1186



59.7220, -11.6949, 17.7838



51.2510, -4.0677, -1.9741



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000



# Same Dimension

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



69.6020, -16.5658, -6.6670



88.4630, -25.8643, -10.9301



63.0240, -13.3228, -20.1920



39.9460, -1.4524, -0.8296



80.1730, -39.5253, -15.9377



177.1470, -87.3335, -35.2089



# Inverse Universe

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



46.3980, 16.5658, 6.6670



52.2380, 26.0117, 10.3153



52.9760, 13.3228, 20.1920



37.7550, 1.5998, 0.2149



24.8270, 39.5253, 15.9377



54.8530, 87.3335, 35.2089



# Previews

## White Background



This preview shows how the YUV color 69.6020, -16.5658, -6.6670 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

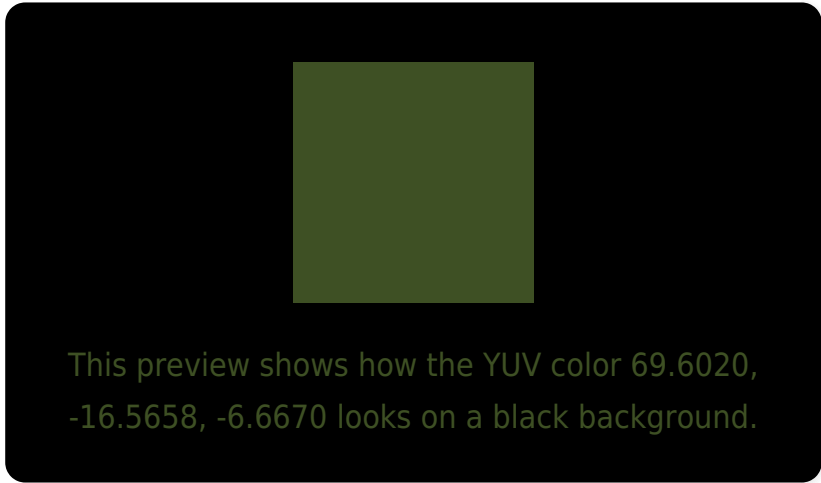
Any Text WCAG AA ✓ Pass

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 69.6020, -16.5658, -6.6670

## Background



This preview shows how black text looks on a background with the YUV color 69.6020, -16.5658, -6.6670.



This preview shows how white text looks on a background with the YUV color 69.6020, -16.5658, -6.6670.

-6.6670.

# 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

69.6020, -16.5658, -6.6670

### Protanopia

71.8320, -18.6512, 8.9173

### Deuteranopia

73.3320, -16.9257, 15.4948



## Tritanopia

73.5910, 3.6526, -4.9033

# Trichromacy



## Original Color

69.6020, -16.5658, -6.6670

## Protanomaly

71.0270, -17.7613, 3.4843

## Deuteranomaly

71.6900, -16.6092, 7.2879

## Tritanomaly

72.3430, -3.6201, -5.5628

# Monochromacy



## Original Color

69.6020, -16.5658, -6.6670

## Achromatopsia

70.0000, 0.0000, 0.0000

## Achromatomaly

70.0830, -5.9569, -2.7038

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 69.6020, -16.5658, -6.6670 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(62, 80, 36)` looks like.

```
.text, #text, p{  
    color:rgb(62, 80, 36)  
}
```

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(62, 80, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 80, 36) }
```

## Border

The CSS property to change the border of an element to YUV 69.6020, -16.5658, -6.6670 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(62, 80, 36) }
```



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

```
.border{ border-color:rgb(62, 80, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 80, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 80, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 80, 36);  
box-shadow:4px 4px 4px 4px rgb(62, 80, 36)  
}
```

# Background

The CSS property to change the background color of an element to YUV 69.6020, -16.5658, -6.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 80, 36) }
```

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

```
.background{ background-color: rgb(62, 80,  
36) }
```

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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