

# Converting Colors

YUV(130.5040, -38.2095,  
-17.9820)

Have a look what the booklet for  
YUV(130.5040, -38.2095, -17.9820)  
contains.

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# Color

**YUV(130.5040, -38.2095,  
-17.9820)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E9C35
RGB	110, 156, 53
RGB Percent	43%, 61%, 21%
CMY	0.5686, 0.3882, 0.7922
CMYK	0.29, 0.00, 0.66, 0.39
HSL	87°, 49%, 41%
HSV	87°, 66%, 61%
XYZ	18.9615, 27.3490, 7.6477
YIQ	130.5040, 5.6470, -41.7850

# Conversions

## Conversions Part 2

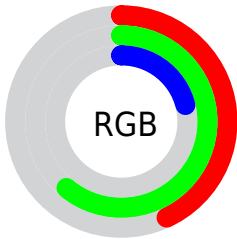
<b>Format</b>	<b>Color</b>
<b>RYB</b>	53, 156, 99
Decimal	7248949
CIELab	59.30, -32.40, 47.30
CIElCh	59, 57.332, 124.406
Yxy	27.3490, 0.3514, 0.5069
Android (android.graphics.Color)	4285439029 (0xFF6E9C35)
YUV	130.5040, -38.2095, -17.9820
Hunter-Lab	52.2962, -26.7982, 27.9370

# Details

The YUV color **130.5040, -38.2095, -17.9820** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **78.4960, 38.2095, 17.9820**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8630, -39.3725, -18.2969**, and **78.0910, -38.4989, -18.4968** is the 20% darker color. If you saturate the color by 10%, you get **126.5870, -44.1664, -20.6858**, and if you desaturate by 10%, it is **134.4210, -32.2526, -15.2782**.

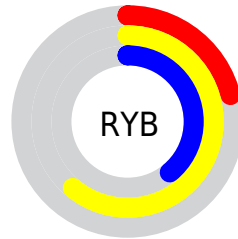
# Distribution



Red (43%)

Green (61%)

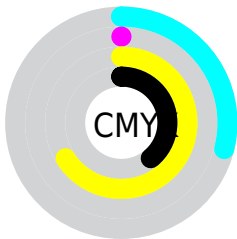
Blue (21%)



Red (21%)

Yellow (61%)

Blue (39%)

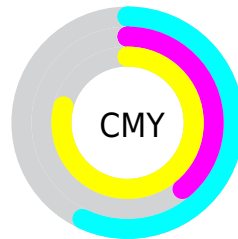


Cyan (29%)

Magenta (0%)

Yellow (66%)

Black (39%)



Cyan (57%)

Magenta (39%)

Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 130.5040, -38.2095, -17.9820 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 130.5040, -38.2095, -17.9820 by changing the saturation by 10% instead.



■ 130.5040,  
-38.2095, -17.9820

■ 130.5040,  
-38.2095, -17.9820

■ 255.0000, 0.0000,  
0.0000

■ 104.3900,  
-38.6463, -17.8820

■ 184.8630,  
-39.3725, -18.2969

■ 78.0910, -38.4989,  
-18.4968

■ 212.9340,  
-40.3935, -17.4821

■ 56.2290, -27.7209,  
-22.1258

■ 233.7760,  
-37.3576, -11.2046

■ 32.8720, -16.2059,  
-28.8287

■ 245.9380,  
-29.5494, 4.4394

■ 21.1320, -10.4181,  
-18.5328

■ 250.3260,  
-17.9087, 4.0991

■ 0.0000, 0.0000,  
0.0000

■ 253.6320, -5.2416,

1.1997

■ 130.5040,  
-38.2095, -17.9820

■ 130.5040,  
-38.2095, -17.9820

■ 126.5870,  
-44.1664, -20.6858

■ 134.4210,  
-32.2526, -15.2782

■ 122.7840,  
-49.6865, -23.4896

■ 138.2240,  
-26.7324, -12.4744

■ 118.8670,  
-55.6434, -26.1934

■ 142.1410,  
-20.7755, -9.7707

■ 117.2860,  
-57.8220, -27.4378

■ 145.9440,  
-15.2554, -6.9669

■ 149.8610, -9.2985,  
-4.2631

■ 153.7780, -3.3416,  
-1.5593

■ 157.5810, 2.1786,  
1.2445

■ 161.4980, 8.1355,  
3.9483

■ 165.3010, 13.6556,  
6.7520

# Harmonies

## Analogous

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



135.7990, -52.1589, 22.9783



130.5040, -38.2095, -17.9820



108.8210, -5.8278, -91.0510

# Triad

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



130.5040, -38.2095, -17.9820



119.8950, 55.7608, -105.1479



141.0500, -1.9966, 80.6402

# Complementary

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



130.5040, -38.2095, -17.9820



78.4960, 38.2095, 17.9820

# 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.



145.7430, 20.3397, 56.3534



130.5040, -38.2095, -17.9820



122.3740, 59.4686, -81.0120

# Square

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



130.5040, -38.2095, -17.9820



120.0140, 38.4471, -105.2523



145.7720, 39.5524, 7.2160



139.6650, -24.9778, 78.3468



# Rectangle

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



130.5040, -38.2095, -17.9820



112.3760, 9.1816, -98.5538



145.7720, 39.5524, 7.2160



142.3790, 5.7292, 75.9666

# Sweetspot

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



130.5040, -38.2095, -17.9820



193.9440, -15.2554, -6.9669



110.2120, -28.2055, 40.1561



95.9750, -8.8617, -4.3631



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



130.5040, -38.2095, -17.9820



164.1180, -59.7112, -28.1675



115.5540, -30.8391, -48.7209



77.1910, -3.0522, -1.0445



107.5620, -53.0281, -25.0489



11.1970, -5.5201, -2.8038



# Inverse Universe

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



78.4960, 38.2095, 17.9820



82.8820, 59.7112, 28.1675



93.4460, 30.8391, 48.7209



73.1080, 2.9048, 1.6593



35.4380, 53.0281, 25.0489



3.8030, 5.5201, 2.8038



# Previews

## White Background



This preview shows how the YUV color 130.5040, -38.2095, -17.9820 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 130.5040, -38.2095, -17.9820 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

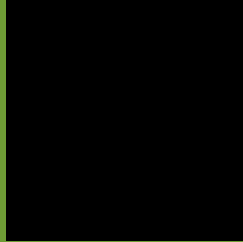
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 130.5040, -38.2095, -17.9820 Background



This preview shows how black text looks on a background with the YUV color 130.5040, -38.2095, -17.9820.



This preview shows how white text looks on a background with the YUV color 130.5040, -38.2095, -17.9820.

-17.9820.

# 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

130.5040, -38.2095, -17.9820

### Protanopia

136.4810, -43.1281, 19.7492

### Deuteranopia

139.0080, -38.9509, 33.3190



## Tritanopia

140.7900, 8.4845, -14.7248

# Trichromacy



## Original Color

130.5040, -38.2095, -17.9820

## Protanomaly

134.1480, -41.4850, 6.0092

## Deuteranomaly

136.1860, -39.0387, 14.7459

## Tritanomaly

137.3110, -8.5343, -16.0587

# Monochromacy



## Original Color

130.5040, -38.2095, -17.9820

## Achromatopsia

131.0000, 0.0000, 0.0000

## Achromatomaly

130.6990, -13.6556, -6.7520

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.5040, -38.2095, -17.9820 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(110, 156, 53)` looks like.

```
.text, #text, p{  
    color:rgb(110, 156, 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(110, 156, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 156, 53) }
```

## Border

The CSS property to change the border of an element to YUV 130.5040, -38.2095, -17.9820 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(110, 156, 53) }
```



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

```
.border{ border-color:rgb(110, 156, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 156, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 156, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 156, 53);  
box-shadow:4px 4px 4px 4px rgb(110, 156,  
53) }
```

# Background

The CSS property to change the background color of an element to YUV 130.5040, -38.2095, -17.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 156, 53) }
```

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

```
.background{ background-color: rgb(110,  
156, 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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