

# Converting Colors

YUV(61.5430, -6.6767, 41.6198)

Have a look what the booklet for  
YUV(61.5430, -6.6767, 41.6198)  
contains.

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# Color

**YUV(61.5430, -6.6767,  
41.6198)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D2830
RGB	109, 40, 48
RGB Percent	43%, 16%, 19%
CMY	0.5725, 0.8431, 0.8118
CMYK	0.00, 0.63, 0.56, 0.57
HSL	353°, 46%, 29%
HSV	353°, 63%, 43%
XYZ	7.5990, 4.9822, 3.3575
YIQ	61.5430, 38.5560, 17.1160

# Conversions

## Conversions Part 2

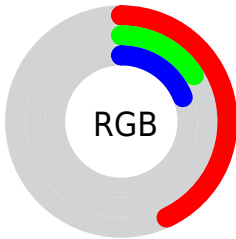
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">109, 40, 48</a>
Decimal	<a href="#">7153712</a>
CIELab	<a href="#">26.68, 31.42, 10.88</a>
CIELCh	<a href="#">27, 33.245, 19.097</a>
Yxy	<a href="#">4.9822, 0.4768, 0.3126</a>
Android (android.graphics.Color)	<a href="#">4285343792</a> ( <a href="#">0xFF6D2830</a> )
YUV	<a href="#">61.5430, -6.6767, 41.6198</a>
Hunter-Lab	<a href="#">22.3208, 21.7076, 6.7063</a>

# Details

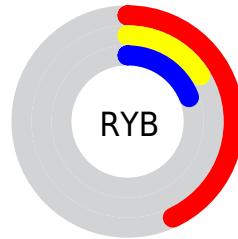
The YUV color **61.5430, -6.6767, 41.6198** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.4570, 6.6767, -41.6198**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9950, -8.8715, 45.6084**, and **17.0430, -8.4022, 35.0423** is the 20% darker color. If you saturate the color by 10%, you get **53.9460, -7.8614, 48.2824**, and if you desaturate by 10%, it is **69.1400, -5.4920, 34.9572**.

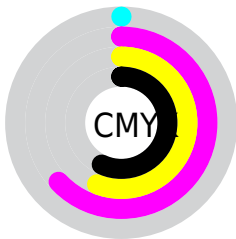
# Distribution



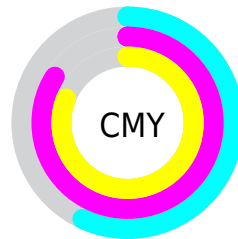
- Red (43%)
- Green (16%)
- Blue (19%)



- Red (43%)
- Yellow (16%)
- Blue (19%)



- Cyan (0%)
- Magenta (63%)
- Yellow (56%)
- Black (57%)



- Cyan (57%)
- Magenta (84%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.5430, -6.6767, 41.6198 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 61.5430, -6.6767, 41.6198 by changing the saturation by 10% instead.



61.5430, -6.6767,  
41.6198

61.5430, -6.6767,  
41.6198

255.0000, 0.0000,  
0.0000

36.4010, -4.6347,  
39.9903

111.9950, -8.8715,  
45.6084

17.0430, -8.4022,  
35.0423

137.7780, -9.7506,  
47.5527

9.3830, -4.1328,  
18.9581

164.6750,  
-10.1928, 49.3970

0.0000, 0.0000,  
0.0000

192.5720,  
-10.6350, 51.2414

212.6950, -7.2446,  
37.1015

232.9100, -3.4066,

19.3729

253.1250, 0.4314,  
1.6444

61.5430, -6.6767,  
41.6198

61.5430, -6.6767,  
41.6198

53.9460, -7.8614,  
48.2824

69.1400, -5.4920,  
34.9572

46.4630, -8.6093,  
54.8449

76.6230, -4.7441,  
28.3946

38.8660, -9.7939,  
61.5075

84.2200, -3.5595,  
21.7321

34.0730, -10.3890,  
65.7110

91.8170, -2.3748,  
15.0695

99.3000, -1.6269,  
8.5069

■ 106.3100, -0.1528,  
2.3591

■ 113.7930, 0.5951,  
-4.2035

■ 121.3900, 1.7797,  
-10.8660

■ 128.9870, 2.9644,  
-17.5286

# Harmonies

## Analogous

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



62.8980, 4.9803, 36.0465



61.5430, -6.6767, 41.6198



61.2250, -17.8589, 34.8827

# Triad

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



61.5430, -6.6767, 41.6198



54.4260, -13.0280, -21.4216



53.3850, 29.3902, -46.8186

# Complementary

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



61.5430, -6.6767, 41.6198



87.4570, 6.6767, -41.6198

# 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.



54.3650, 22.9911, -47.6781



61.5430, -6.6767, 41.6198



50.0670, 1.4460, -43.9088

# Square

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



61.5430, -6.6767, 41.6198



58.5940, -24.4498, 2.1101



53.0310, 12.8027, -46.5082



61.6280, 24.3404, -13.7058



# Rectangle

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



61.5430, -6.6767, 41.6198



60.6770, -23.5048, 25.7163



53.0310, 12.8027, -46.5082



54.2170, 27.5010, -47.5483

# Sweetspot

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



61.5430, -6.6767, 41.6198



124.4150, -2.6696, 16.2990



66.1050, 21.1472, 30.6029



60.0120, -1.4849, 9.6365



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



61.5430, -6.6767, 41.6198



68.0730, -10.3890, 65.7110



75.8930, -17.6952, 29.0348



49.9080, -0.4476, 3.5887



36.5790, -11.1314, 70.5292



76.4470, -23.8844, 147.8210



# Inverse Universe

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



61.5430, -6.6767, 41.6198



68.0730, -10.3890, 65.7110



73.1070, 17.6952, -29.0348



49.9080, -0.4476, 3.5887



36.5790, -11.1314, 70.5292

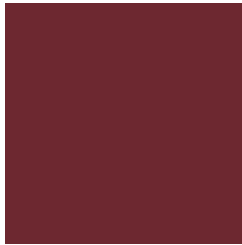


76.4470, -23.8844, 147.8210



# Previews

## White Background



This preview shows how the YUV color 61.5430, -6.6767, 41.6198 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

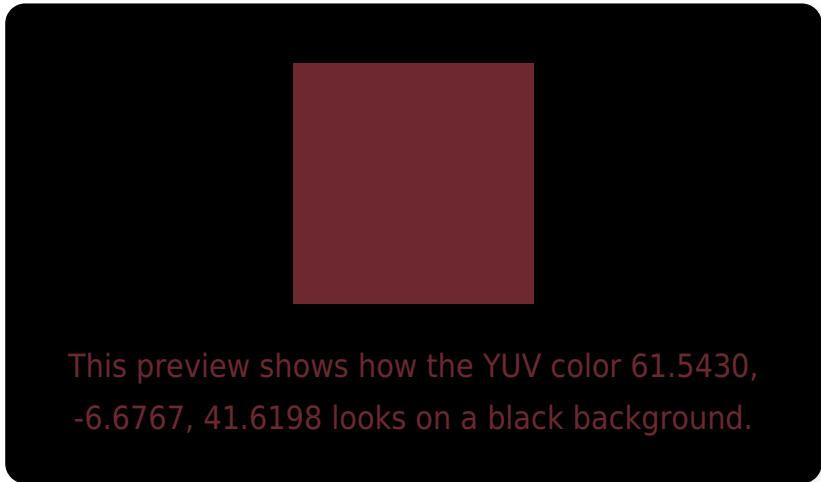
Any Text WCAG AA ✓ Pass

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

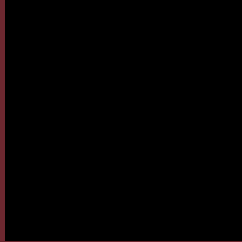
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 61.5430, -6.6767, 41.6198

## Background



This preview shows how black text looks on a background with the YUV color 61.5430, -6.6767, 41.6198.



This preview shows how white text looks on a background with the YUV color 61.5430, -6.6767,



# 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

61.5430, -6.6767, 41.6198

### Protanopia

64.0280, -2.4788, 1.7294

### Deuteranopia

63.6610, -9.1999, 10.8213



## Tritanopia

61.5600, -9.1501, 41.6049

# Trichromacy



## Original Color

61.5430, -6.6767, 41.6198

## Protanomaly

63.0730, -3.9800, 16.5990

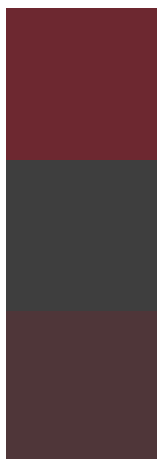
## Deuteranomaly

62.6670, -8.2168, 22.2170

## Tritanomaly

61.7880, -8.2765, 41.4049

# Monochromacy



## Original Color

61.5430, -6.6767, 41.6198

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

61.8170, -2.3748, 15.0695

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.5430, -6.6767, 41.6198 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(109, 40, 48)` looks like.

```
.text, #text, p{  
    color:rgb(109, 40, 48)  
}
```

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(109, 40, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 40, 48) }
```

## Border

The CSS property to change the border of an element to YUV 61.5430, -6.6767, 41.6198 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(109, 40, 48) }
```



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

```
.border{ border-color:rgb(109, 40, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 40, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 40, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 40, 48);  
box-shadow:4px 4px 4px 4px rgb(109, 40,  
48) }
```

# Background

The CSS property to change the background color of an element to YUV 61.5430, -6.6767, 41.6198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 40, 48) }
```

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

```
.background{ background-color: rgb(109, 40,  
48) }
```

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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