

# Converting Colors

YUV(61.8240, -23.0842,  
30.8494)

Have a look what the booklet for  
YUV(61.8240, -23.0842, 30.8494)  
contains.

<b>YUV(61.8240, -23.0842, 30.8494)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(61.8240, -23.0842,  
30.8494)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	61350F
RGB	97, 53, 15
RGB Percent	38%, 21%, 6%
CMY	0.6196, 0.7922, 0.9412
CMYK	0.00, 0.45, 0.85, 0.62
HSL	28°, 73%, 22%
HSV	28°, 85%, 38%
XYZ	6.2891, 5.1221, 1.1091
YIQ	61.8240, 38.4220, -2.4900

# Conversions

## Conversions Part 2

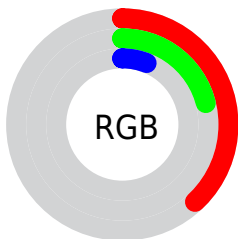
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 86, 15
Decimal	6370575
CIE <sub>Lab</sub>	27.08, 16.54, 30.92
CIE <sub>LCh</sub>	27, 35.069, 61.850
Yxy	5.1221, 0.5023, 0.4091
Android (android.graphics.Color)	4284560655 (0xFF61350F)
YUV	61.8240, -23.0842, 30.8494
Hunter-Lab	22.6320, 9.9964, 12.9368

# Details


The YUV color **61.8240, -23.0842, 30.8494** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **50.1760, 23.0842, -30.8494**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9880, -25.1371, 35.9675**, and **19.9120, -9.8166, 22.0022** is the 20% darker color. If you saturate the color by 10%, you get **57.7490, -26.0053, 34.4231**, and if you desaturate by 10%, it is **65.8990, -20.1632, 27.2756**.

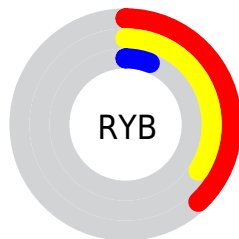
# Distribution



 Red (38%)

 Green (21%)

 Blue (6%)




 Red (38%)

 Yellow (34%)

 Blue (6%)

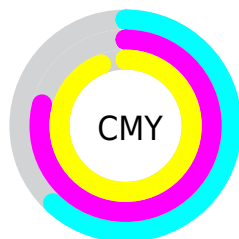



 Cyan (0%)


 Magenta (45%)

 Yellow (85%)

 Black (62%)



 Cyan (62%)

 Magenta (79%)

 Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.8240, -23.0842, 30.8494 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 61.8240, -23.0842, 30.8494 by changing the saturation by 10% instead.



■ 61.8240, -23.0842,  
30.8494

■ 61.8240, -23.0842,  
30.8494

■ 253.7460, -4.8048,  
1.0998

■ 39.4260, -19.4370,  
27.6904

■ 110.9880,  
-25.1371, 35.9675

■ 19.9120, -9.8166,  
22.0022

■ 136.7710,  
-26.0161, 37.9118

■ 2.9900, -1.4741,  
6.1478

■ 163.4400,  
-27.3319, 39.9561

■ 0.0000, 0.0000,  
0.0000

■ 190.9240,  
-28.0635, 41.2857

■ 214.8200,  
-27.0263, 35.2379

■ 235.0350,

-23.1883, 17.5093

■ 250.4400,  
-17.4719, 3.9991

■ 61.8240, -23.0842,  
30.8494

■ 61.8240, -23.0842,  
30.8494

■ 57.7490, -26.0053,  
34.4231

■ 65.8990, -20.1632,  
27.2756

■ 55.4180, -27.3211,  
36.4674

■ 69.8600, -17.6790,  
23.8018

■ 74.5220, -15.0473,  
19.7132

■ 78.5970, -12.1263,  
16.1394

■ 82.6720, -9.2053,  
12.5657

■ 86.6330, -6.7211,  
9.0919

■ 90.7080, -3.8000,  
5.5181

■ 95.3700, -1.1684,  
1.4295

■ 99.3310, 1.3158,  
-2.0443

# Harmonies

## Analogous

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



61.7620, -12.2077, 42.3047



61.8240, -23.0842, 30.8494



60.0470, -28.1242, 13.9908

# Triad

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



61.8240, -23.0842, 30.8494



52.6090, 6.1088, -46.1381



65.1460, 22.1130, 0.7490

# Complementary

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



61.8240, -23.0842, 30.8494



50.1760, 23.0842, -30.8494

# 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.



52.7810, 32.1530, -46.2889



61.8240, -23.0842, 30.8494



55.1000, 18.1917, -48.3227

# Square

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



61.8240, -23.0842, 30.8494



48.2430, -5.5428, -42.3091



55.5050, 27.3590, -48.6779



65.3900, 12.1327, 28.5990



# Rectangle

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



61.8240, -23.0842, 30.8494



58.3550, -25.3180, 0.5657



55.5050, 27.3590, -48.6779



63.1660, 25.0612, -11.5466

# Sweetspot

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



61.8240, -23.0842, 30.8494



111.4870, -8.6211, 11.8509



44.6480, 7.5685, 45.9127



55.3770, -5.1159, 7.5624



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



61.8240, -23.0842, 30.8494



71.4210, -35.2106, 46.9888



85.3040, -34.6599, 10.2574



46.3700, -1.1684, 1.4295



64.0120, -31.5579, 42.0855



136.9170, -67.5001, 90.4038



# Inverse Universe

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



50.1760, 23.0842, -30.8494



53.5790, 35.2106, -46.9888



26.6960, 34.6599, -10.2574



45.6300, 1.1684, -1.4295



47.9880, 31.5579, -42.0855



103.0830, 67.5001, -90.4038



# Previews

## White Background



This preview shows how the YUV color 61.8240, -23.0842, 30.8494 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



This preview shows how the YUV color 61.8240, -23.0842, 30.8494 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

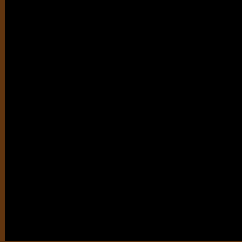
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 61.8240, -23.0842, 30.8494

## Background



This preview shows how black text looks on a background with the YUV color 61.8240, -23.0842, 30.8494.



This preview shows how white text looks on a background with the YUV color 61.8240, -23.0842,



# 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

61.8240, -23.0842, 30.8494

### Protanopia

62.0340, -21.7088, 9.6172

### Deuteranopia

61.4650, -25.3722, 18.0092



## Tritanopia

64.4060, -5.6232, 30.3389

# Trichromacy



## Original Color

61.8240, -23.0842, 30.8494

## Protanomaly

62.2630, -22.3147, 17.3093

## Deuteranomaly

61.4270, -24.3675, 22.4275

## Tritanomaly

63.0980, -11.8803, 30.6091

# Monochromacy



## Original Color

61.8240, -23.0842, 30.8494

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.1880, -8.4737, 11.2361

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.8240, -23.0842, 30.8494 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(97, 53, 15)` looks like.

```
.text, #text, p{  
    color:rgb(97, 53, 15)  
}
```

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(97, 53, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 53, 15) }
```

## Border

The CSS property to change the border of an element to YUV 61.8240, -23.0842, 30.8494 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(97, 53, 15) }
```



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

```
.border{ border-color:rgb(97, 53, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 53, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 53, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 53, 15);  
box-shadow:4px 4px 4px 4px rgb(97, 53, 15)  
}
```

# Background

The CSS property to change the background color of an element to YUV 61.8240, -23.0842, 30.8494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 53, 15) }
```

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

```
.background{ background-color: rgb(97, 53,  
15) }
```

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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