

# Converting Colors

YUV(97.7560, -37.3477,  
-61.1760)

Have a look what the booklet for  
YUV(97.7560, -37.3477, -61.1760)  
contains.

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# Color

**YUV(97.7560, -37.3477,  
-61.1760)**

# Conversions

Conversions Part 1	
Format	Color
Hex	1C9416
RGB	28, 148, 22
RGB Percent	11%, 58%, 9%
CMY	0.8902, 0.4196, 0.9137
CMYK	0.81, 0.00, 0.85, 0.42
HSL	117°, 74%, 33%
HSV	117°, 85%, 58%
XYZ	11.2136, 21.4846, 4.3150
YIQ	97.7560, -31.0740, -64.6260

# Conversions

## Conversions Part 2

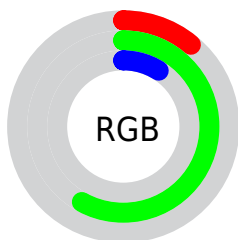
Format	Color
<a href="#">RYB</a>	<a href="#">22, 148, 142</a>
Decimal	<a href="#">1872918</a>
CIELab	<a href="#">53.48, -54.24, 51.60</a>
CIELCh	<a href="#">53, 74.859, 136.427</a>
Yxy	<a href="#">21.4846, 0.3030, 0.5805</a>
Android (android.graphics.Color)	<a href="#">4280062998</a> <a href="#">(0xFF1C9416)</a>
YUV	<a href="#">97.7560, -37.3477, -61.1760</a>
Hunter-Lab	<a href="#">46.3515, -37.9314, 26.9266</a>

# Details

The YUV color **97.7560, -37.3477, -61.1760** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **72.2440, 37.3477, 61.1760**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8710, -38.3904, -53.3839**, and **56.3520, -27.7815, -49.4207** is the 20% darker color. If you saturate the color by 10%, you get **91.8600, -41.8360, -68.2832**, and if you desaturate by 10%, it is **103.6520, -32.8594, -54.0688**.

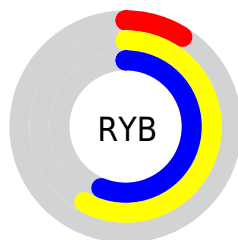
# Distribution



Red (11%)

Green (58%)

Blue (9%)



Red (9%)

Yellow (58%)

Blue (56%)

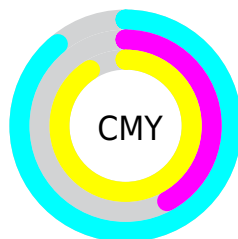


Cyan (81%)

Magenta (0%)

Yellow (85%)

Black (42%)



Cyan (89%)

Magenta (42%)

Yellow (91%)


# Brightness & Saturation


## Gradients

These gradients show how the YUV color 97.7560, -37.3477, -61.1760 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 97.7560, -37.3477, -61.1760 by changing the saturation by 10% instead.





 97.7560, -37.3477,  
-61.1760


 97.7560, -37.3477,  
-61.1760


255.0000, 0.0000,  
0.0000


 71.0270, -35.0163,  
-62.2907


 156.8710,  
-38.3904, -53.3839


 56.3520, -27.7815,  
-49.4207

 185.8280,  
-39.8482, -52.4692


 41.6770, -20.5468,  
-36.5507


 211.0780,  
-38.9855, -49.1804

 28.1760, -13.8908,  
-24.7104

 222.8270,  
-31.4667, -34.0513

 11.7400, -5.7878,  
-10.2960


 234.9890,  
-23.6586, -18.4074


 0.0000, 0.0000,  
0.0000


 247.2650,


-15.4136, -2.8634


 253.8600, -4.3680,  
0.9998

 97.7560, -37.3477,  
-61.1760


 97.7560, -37.3477,  
-61.1760


 91.8600, -41.8360,  
-68.2832


 103.6520,  
-32.8594, -54.0688


 88.9690, -43.8617,  
-71.8868


 109.5480,  
-28.3712, -46.9616

 115.3300,  
-24.3197, -39.7544


 121.2260,  
-19.8314, -32.6472

 127.1220,  
-15.3431, -25.5400

 133.3170,  
-11.0023, -17.8180

 139.2130, -6.5140,  
-10.7108

 144.9950, -2.4625,  
-3.5036

 150.8910, 2.0257,  
3.6036

# Harmonies

## Analogous

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



116.3100, -57.3408, 4.9901



97.7560, -37.3477, -61.1760



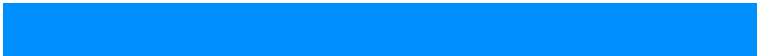
101.2280, -3.0704, -88.7770

# Triad

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



97.7560, -37.3477, -61.1760



113.4840, 69.2744, -99.5255



111.7550, -7.7672, 111.5939

# Complementary

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



97.7560, -37.3477, -61.1760



72.2440, 37.3477, 61.1760

# 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.



118.3980, 20.5098, 95.2440



97.7560, -37.3477, -61.1760



106.1150, 72.4143, -79.9079

# Square

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



97.7560, -37.3477, -61.1760



115.0050, 52.2555, -100.8594



129.9960, 43.3860, 37.7145



118.2630, -42.0347, 89.2233



# Rectangle

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



97.7560, -37.3477, -61.1760



107.5320, 16.0067, -94.3056



129.9960, 43.3860, 37.7145



111.2140, 2.8525, 112.0683

# Sweetspot

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



97.7560, -37.3477, -61.1760



171.3610, -14.4750, -23.9956



130.1140, -53.3002, 15.6860



84.9090, -8.8291, -14.8292



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



97.7560, -37.3477, -61.1760



114.8080, -56.6003, -92.7936



102.4600, -11.5658, -70.5634



71.1090, -2.0257, -3.6036



83.0990, -40.9678, -66.7388



5.8700, -2.8939, -5.1480



# Inverse Universe

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



72.2440, 37.3477, 61.1760



76.1920, 56.6003, 92.7936



67.5400, 11.5658, 70.5634



69.8910, 2.0257, 3.6036



54.9010, 40.9678, 66.7388

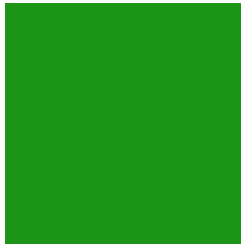


4.1300, 2.8939, 5.1480



# Previews

## White Background



This preview shows how the YUV color 97.7560, -37.3477, -61.1760 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

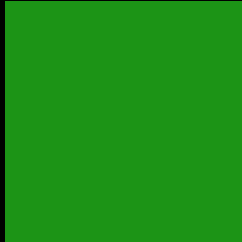
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 97.7560, -37.3477, -61.1760 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

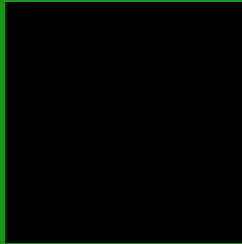
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 97.7560, -37.3477, -61.1760

## Background



This preview shows how black text looks on a background with the YUV color 97.7560, -37.3477, -61.1760.



This preview shows how white text looks on a background with the YUV color 97.7560, -37.3477, -61.1760.



# 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

97.7560, -37.3477, -61.1760

### Protanopia

119.1300, -50.8431, 20.9340

### Deuteranopia


122.3130, -41.5663, 32.1745






## Tritanopia

117.7260, 15.4181, -45.3637

# Trichromacy

	<b>Original Color</b> 97.7560, -37.3477, -61.1760
	<b>Protanomaly</b> 111.4960, -46.0935, -9.2050
	<b>Deuteranomaly</b> 113.1470, -40.0055, -1.8829
	<b>Tritanomaly</b> 110.6440, -3.7685, -51.4308

# Monochromacy

	<b>Original Color</b> 97.7560, -37.3477, -61.1760
	<b>Achromatopsia</b> 98.0000, 0.0000, 0.0000
	<b>Achromatomaly</b> 97.8990, -13.7542, -21.8364

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.7560, -37.3477, -61.1760 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(28, 148, 22)` looks like.

```
.text, #text, p{  
    color:rgb(28, 148, 22)  
}
```

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(28, 148, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 148, 22) }
```

## Border

The CSS property to change the border of an element to YUV 97.7560, -37.3477, -61.1760 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(28, 148, 22) }
```



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

```
.border{ border-color:rgb(28, 148, 22) }
```

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

Here you see how a box with a 4 pixel rgb(28, 148, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 148, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 148, 22);  
box-shadow:4px 4px 4px 4px rgb(28, 148,  
22) }
```

# Background

The CSS property to change the background color of an element to YUV 97.7560, -37.3477, -61.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 148, 22) }
```

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

```
.background{ background-color: rgb(28, 148,  
22) }
```

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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