

# Converting Colors

YUV(128.3930, -63.2977,  
2.2863)

Have a look what the booklet for  
YUV(128.3930, -63.2977, 2.2863)  
contains.

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# Color

**YUV(128.3930, -63.2977,  
2.2863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	839800
RGB	131, 152, 0
RGB Percent	51%, 60%, 0%
CMY	0.4863, 0.4039, 1.0000
CMYK	0.14, 0.00, 1.00, 0.40
HSL	68°, 100%, 30%
HSV	68°, 100%, 60%
XYZ	20.5883, 27.2818, 4.1808
YIQ	128.3930, 36.2760, -51.7240

# Conversions

## Conversions Part 2

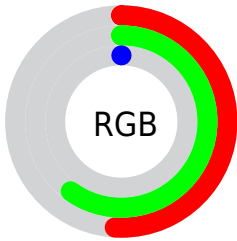
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 152, 21
Decimal	8624128
CIELab	59.23, -24.00, 62.24
CIElCh	59, 66.709, 111.088
Yxy	27.2818, 0.3955, 0.5241
Android (android.graphics.Color)	4286814208 (0xFF839800)
YUV	128.3930, -63.2977, 2.2863
Hunter-Lab	52.2320, -21.0464, 31.8166

# Details

The YUV color **128.3930, -63.2977, 2.2863** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **23.6070, 63.2977, -2.2863**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.3420, -55.8776, 2.3311**, and **82.3100, -40.5788, -4.6569** is the 20% darker color. If you saturate the color by 10%, you get **128.3930, -63.2977, 2.2863**, and if you desaturate by 10%, it is **130.7010, -57.0406, 2.0162**.

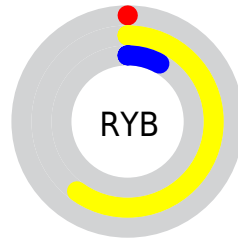
# Distribution



Red (51%)

Green (60%)

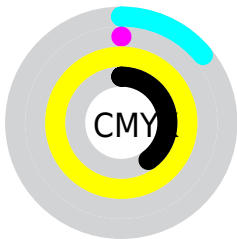
Blue (0%)



Red (0%)

Yellow (60%)

Blue (8%)

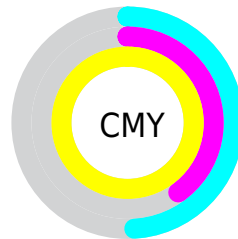


Cyan (14%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (49%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.3930, -63.2977, 2.2863 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 128.3930, -63.2977, 2.2863 by changing the saturation by 10% instead.



■ 128.3930,  
-63.2977, 2.2863

■ 128.3930,  
-63.2977, 2.2863

■ 255.0000, 0.0000,  
0.0000

■ 105.0580,  
-51.7936, -0.9279

■ 185.3420,  
-55.8776, 2.3311

■ 82.3100, -40.5788,  
-4.6569

■ 213.5270,  
-56.4618, 3.0458

■ 60.1490, -29.6535,  
-8.9007

■ 237.6030,  
-55.0203, 7.3642

■ 38.5750, -19.0175,  
-13.6593

■ 243.4860,  
-44.1166, 10.0978

■ 19.3710, -9.5499,  
-16.9884


■ 246.6780,  
-31.8863, 7.2984

■ 0.0000, 0.0000,  
0.0000


■ 249.9840,


-19.2191, 4.3990


 253.2900, -6.5520,  
1.4997


 128.3930,  
-63.2977, 2.2863

 130.7010,  
-57.0406, 2.0162

 133.0090,  
-50.7834, 1.7461

 135.4310,  
-44.0895, 1.3760

 137.7390,  
-37.8323, 1.1059

 140.3460,  
-31.7226, 1.4506

■ 142.6540,  
-25.4654, 1.1804

■ 144.9620,  
-19.2083, 0.9103

■ 147.3840,  
-12.5143, 0.5402

■ 149.6920, -6.2572,  
0.2701

# Harmonies

## Analogous

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



133.9730, -66.0487, 44.7507



128.3930, -63.2977, 2.2863



118.1120, -27.1702, -58.8572

# Triad

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



128.3930, -63.2977, 2.2863



124.0040, 53.7350, -108.7515



139.0520, 11.8064, 86.7774

# Complementary

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



128.3930, -63.2977, 2.2863



23.6070, 63.2977, -2.2863

# 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.



146.1510, 34.9286, 43.7176



128.3930, -63.2977, 2.2863



120.0550, 66.5279, -105.2882

# Square

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



128.3930, -63.2977, 2.2863



120.6520, 30.7376, -105.8118



139.4820, 55.9644, -30.2407



135.8920, -15.7228, 96.5647



# Rectangle

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



128.3930, -63.2977, 2.2863



109.6570, -3.7749, -96.1692



139.4820, 55.9644, -30.2407



141.7500, 19.8433, 75.6412

# Sweetspot

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



128.3930, -63.2977, 2.2863



186.8820, -24.5918, 0.9805



57.1880, -28.1937, 83.1501



93.8140, -14.6983, 1.0401



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



128.3930, -63.2977, 2.2863



165.5830, -81.6324, 2.9967



105.9680, -52.2422, -43.8219



75.4900, -3.1996, -0.4297



118.3590, -58.3510, 2.3162



10.9200, -5.3836, 0.0702



# Inverse Universe

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



23.6070, 63.2977, -2.2863



30.4170, 81.6324, -2.9967



46.0320, 52.2422, 43.8219



70.2110, 3.3470, -0.1850



21.6410, 58.3510, -2.3162



2.0800, 5.3836, -0.0702



# Previews

## White Background



This preview shows how the YUV color 128.3930, -63.2977, 2.2863 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 128.3930, -63.2977, 2.2863 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

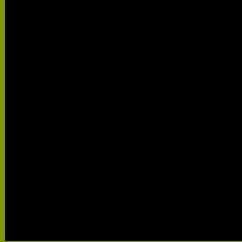
Any Text WCAG AA ✓ Pass

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 128.3930, -63.2977, 2.2863 Background



This preview shows how black text looks on a background with the YUV color 128.3930, -63.2977, 2.2863.



This preview shows how white text looks on a background with the YUV color 128.3930, -63.2977,

2.2863.

# 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

128.3930, -63.2977, 2.2863

### Protanopia

132.0800, -65.1154, 25.3628

### Deuteranopia

136.0290, -54.2443, 38.5626



## Tritanopia

142.8520, 4.5100, 0.1298

# Trichromacy



## Original Color

128.3930, -63.2977, 2.2863

## Protanomaly

130.5520, -64.3621, 17.0559

## Deuteranomaly

133.1430, -57.2585, 25.3076

## Tritanomaly

137.7340, -20.0819, 1.1103

# Monochromacy



## Original Color

128.3930, -63.2977, 2.2863

## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

128.2240, -23.2814, 0.6806

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.3930, -63.2977, 2.2863 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(131, 152, 0)` looks like.

```
.text, #text, p{  
    color:rgb(131, 152, 0)  
}
```

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(131, 152, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 152, 0) }
```

## Border

The CSS property to change the border of an element to YUV 128.3930, -63.2977, 2.2863 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(131, 152, 0) }
```



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

```
.border{ border-color:rgb(131, 152, 0) }
```

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

Here you see how a box with a 4 pixel rgb(131, 152, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 152, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 152, 0);  
box-shadow:4px 4px 4px 4px rgb(131, 152,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 128.3930, -63.2977, 2.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 152, 0) }
```

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

```
.background{ background-color: rgb(131,  
152, 0) }
```

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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