

# Converting Colors

YUV(141.2920, -63.2480,  
33.0699)

Have a look what the booklet for  
YUV(141.2920, -63.2480, 33.0699)  
contains.

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# Color

**YUV(141.2920, -63.2480,  
33.0699)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3930D
RGB	179, 147, 13
RGB Percent	70%, 58%, 5%
CMY	0.2980, 0.4235, 0.9490
CMYK	0.00, 0.18, 0.93, 0.30
HSL	48°, 86%, 38%
HSV	48°, 93%, 70%
XYZ	29.0968, 30.4802, 4.7305
YIQ	141.2920, 62.0860, -34.8900

# Conversions

## Conversions Part 2

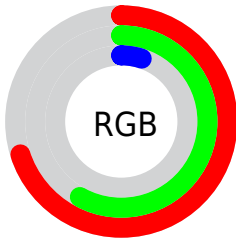
Format	Color
<a href="#">RYB</a>	<a href="#">53, 179, 13</a>
Decimal	<a href="#">11768589</a>
CIELab	<a href="#">62.07, 0.49, 64.29</a>
CIELCh	<a href="#">62, 64.290, 89.565</a>
Yxy	<a href="#">30.4802, 0.4525, 0.4740</a>
Android (android.graphics.Color)	<a href="#">4289958669</a> ( <a href="#">0xFFB3930D</a> )
YUV	<a href="#">141.2920, -63.2480, 33.0699</a>
Hunter-Lab	<a href="#">55.2089, -2.5406, 33.5661</a>

# Details

The YUV color **141.2920, -63.2480, 33.0699** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **50.7080, 63.2480, -33.0699**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2260, -59.7644, 35.7588**, and **93.4170, -46.0546, 25.0673** is the 20% darker color. If you saturate the color by 10%, you get **138.0490, -68.0582, 35.9140**, and if you desaturate by 10%, it is **145.1050, -56.2538, 29.7259**.

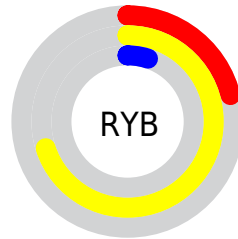
# Distribution



Red (70%)

Green (58%)

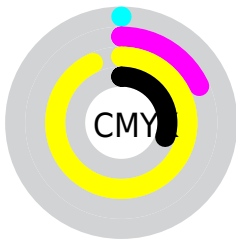
Blue (5%)



Red (21%)

Yellow (70%)

Blue (5%)

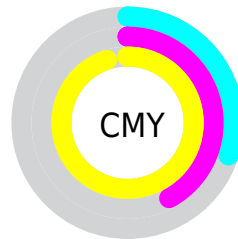


Cyan (0%)

Magenta (18%)

Yellow (93%)

Black (30%)



Cyan (30%)

Magenta (42%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.2920, -63.2480, 33.0699 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 141.2920, -63.2480, 33.0699 by changing the saturation by 10% instead.



■ 141.2920,  
-63.2480, 33.0699

■ 141.2920,  
-63.2480, 33.0699

■ 255.0000, 0.0000,  
0.0000

■ 115.8770,  
-57.1274, 29.9259

■ 198.2260,  
-59.7644, 35.7588

■ 93.4170, -46.0546,  
25.0673

■ 222.5240,  
-58.4323, 28.4815

■ 70.9570, -34.9818,  
20.2087

■ 240.9780,  
-53.7262, 12.2973

■ 49.9700, -24.6352,  
14.9353

■ 244.0560,  
-41.9326, 9.5979

■ 30.4560, -15.0148,  
9.2471

■ 247.3620,  
-29.2655, 6.6985

■ 7.9960, -3.9420,  
4.3885

■ 250.5540,

■ 0.0000, 0.0000,

-17.0351, 3.8991

0.0000

253.8600, -4.3680,  
0.9998

141.2920,  
-63.2480, 33.0699

141.2920,  
-63.2480, 33.0699

138.0490,  
-68.0582, 35.9140

145.1050,  
-56.2538, 29.7259

149.5050,  
-49.5490, 25.8671

153.3180,  
-42.5548, 22.5231

157.7180,  
-35.8500, 18.6643

161.5310,  
-28.8558, 15.3203

■ 165.8170,  
-22.5878, 11.5615

■ 169.6300,  
-15.5936, 8.2175

■ 174.0300, -8.8888,  
4.3587

■ 177.8430, -1.8946,  
1.0147

# Harmonies

## Analogous

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



145.6380, -47.6425, 67.8465



141.2920, -63.2480, 33.0699



136.6050, -48.1193, -12.8086

# Triad

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



141.2920, -63.2480, 33.0699



126.6820, 38.6108, -111.1001



153.5780, 27.3230, 56.4981

# Complementary

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



141.2920, -63.2480, 33.0699



50.7080, 63.2480, -33.0699

# 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.



151.6980, 48.4629, -4.1201



141.2920, -63.2480, 33.0699



128.0620, 59.1294, -112.3104

# Square

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



141.2920, -63.2480, 33.0699



120.0700, 13.2765, -105.3014



121.2290, 65.9491, -106.3178



147.0710, 2.9230, 89.3917



# Rectangle

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



141.2920, -63.2480, 33.0699



129.1130, -28.6497, -50.9651



121.2290, 65.9491, -106.3178



154.4170, 34.7974, 39.0993

# Sweetspot

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



141.2920, -63.2480, 33.0699



217.5460, -24.9192, 12.6762



66.3960, -10.0552, 98.7537



108.3310, -15.4462, 7.6027



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



141.2920, -63.2480, 33.0699



179.1370, -88.3145, 46.3609



145.1260, -65.1381, -14.1425



87.3870, -3.6418, 1.4146



118.5350, -58.4378, 30.2258



20.1010, -9.9098, 5.1734



# Inverse Universe

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



50.7080, 63.2480, -33.0699



52.8630, 88.3145, -46.3609



46.8740, 65.1381, 14.1425



82.2000, 3.3524, -1.9294



34.4650, 58.4378, -30.2258

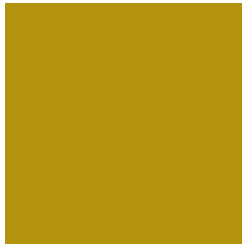


5.8990, 9.9098, -5.1734



# Previews

## White Background



This preview shows how the YUV color 141.2920, -63.2480, 33.0699 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

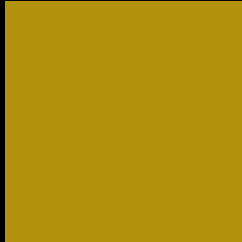
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 141.2920, -63.2480, 33.0699 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 ✓ Pass

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

# YUV 141.2920, -63.2480, 33.0699

## Background



This preview shows how black text looks on a background with the YUV color 141.2920, -63.2480, 33.0699.



This preview shows how white text looks on a background with the YUV color 141.2920, -63.2480,



# 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

141.2920, -63.2480, 33.0699

### Protanopia

140.8780, -62.0579, 24.6630

### Deuteranopia

142.3300, -60.8017, 41.8066



## Tritanopia

153.0900, -3.0024, 29.7391

# Trichromacy



## Original Color

141.2920, -63.2480, 33.0699

## Protanomaly

141.3730, -62.7949, 27.7369

## Deuteranomaly

142.0800, -61.6644, 38.5178

## Tritanomaly

148.9550, -25.1208, 30.7345

# Monochromacy



## Original Color

141.2920, -63.2480, 33.0699

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

141.0020, -23.1720, 12.2762

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.2920, -63.2480, 33.0699 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(179, 147, 13)` looks like.

```
.text, #text, p{  
    color:rgb(179, 147, 13)  
}
```

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(179, 147, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 147, 13) }
```

## Border

The CSS property to change the border of an element to YUV 141.2920, -63.2480, 33.0699 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(179, 147, 13) }
```



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

```
.border{ border-color:rgb(179, 147, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 147, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 147, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 147, 13);  
box-shadow:4px 4px 4px 4px rgb(179, 147,  
13) }
```

# Background

The CSS property to change the background color of an element to YUV 141.2920, -63.2480, 33.0699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 147, 13) }
```

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

```
.background{ background-color: rgb(179,  
147, 13) }
```

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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