

# Converting Colors

YUV(137.9820, -63.0951,  
30.7108)

Have a look what the booklet for  
YUV(137.9820, -63.0951, 30.7108)  
contains.

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# Color

**YUV(137.9820, -63.0951,  
30.7108)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AD910A
RGB	173, 145, 10
RGB Percent	68%, 57%, 4%
CMY	0.3216, 0.4314, 0.9608
CMYK	0.00, 0.16, 0.94, 0.32
HSL	50°, 89%, 36%
HSV	50°, 94%, 68%
XYZ	27.4138, 29.1569, 4.4702
YIQ	137.9820, 60.0230, -36.0490

# Conversions

## Conversions Part 2

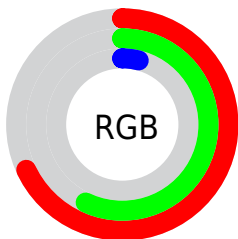
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 173, 10
Decimal	11374858
CIE Lab	60.92, -1.20, 63.63
CIE LCh	61, 63.637, 91.078
Yxy	29.1569, 0.4491, 0.4777
Android (android.graphics.Color)	4289564938 (0xFFAD910A)
YUV	137.9820, -63.0951, 30.7108
Hunter-Lab	53.9972, -3.8726, 32.8897

# Details

The YUV color **137.9820, -63.0951, 30.7108** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **45.0180, 63.0951, -30.7108**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.1440, -58.7380, 33.1997**, and **90.4490, -44.5914, 22.4082** is the 20% darker color. If you saturate the color by 10%, you get **135.6680, -66.8843, 32.7402**, and if you desaturate by 10%, it is **141.6810, -56.5377, 27.4668**.

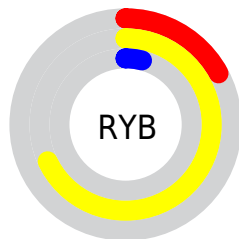
# Distribution



Red (68%)

Green (57%)

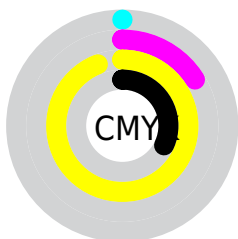
Blue (4%)



Red (17%)

Yellow (68%)

Blue (4%)

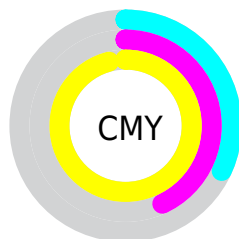


Cyan (0%)

Magenta (16%)

Yellow (94%)

Black (32%)



Cyan (32%)

Magenta (43%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 137.9820, -63.0951, 30.7108 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 137.9820, -63.0951, 30.7108 by changing the saturation by 10% instead.



■ 137.9820,  
-63.0951, 30.7108

■ 137.9820,  
-63.0951, 30.7108

■ 255.0000, 0.0000,  
0.0000

■ 113.4960,  
-55.9535, 26.7520

■ 194.1440,  
-58.7380, 33.1997

■ 90.4490, -44.5914,  
22.4082

■ 220.6490,  
-58.0010, 30.1258

■ 68.5760, -33.8080,  
17.0348

■ 240.7500,  
-54.5998, 12.4972

■ 47.8880, -23.6088,  
12.3762

■ 243.8280,  
-42.8062, 9.7978

■ 28.0860, -13.8464,  
7.8176

■ 247.1340,  
-30.1391, 6.8985

■ 2.9460, -1.4524,  
-0.8296

■ 250.3260,

■ 0.0000, 0.0000,

-17.9087, 4.0991

0.0000

253.6320, -5.2416,  
1.1997

137.9820,  
-63.0951, 30.7108

137.9820,  
-63.0951, 30.7108

135.6680,  
-66.8843, 32.7402

141.6810,  
-56.5377, 27.4668

145.4940,  
-49.5435, 24.1228

149.1930,  
-42.9861, 20.8787

152.8920,  
-36.4288, 17.6347

156.5910,  
-29.8714, 14.3907

■ 160.4040,  
-22.8772, 11.0467

■ 164.1030,  
-16.3198, 7.8027

■ 167.8020, -9.7624,  
4.5586

■ 171.6150, -2.7682,  
1.2146

# Harmonies

## Analogous

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



142.2140, -47.9265, 65.5873



137.9820, -63.0951, 30.7108



133.0500, -46.3666, -14.9528

# Triad

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



137.9820, -63.0951, 30.7108



124.8070, 39.0421, -109.4557



149.8340, 25.7178, 58.0276

# Complementary

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



137.9820, -63.0951, 30.7108



45.0180, 63.0951, -30.7108

# 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.



149.2640, 46.7048, -0.2315



137.9820, -63.0951, 30.7108



125.9590, 58.6872, -110.4660

# Square

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



137.9820, -63.0951, 30.7108



118.3090, 14.1447, -103.7570



118.8810, 67.1067, -104.2586



143.7290, 1.6126, 89.6917



# Rectangle

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



137.9820, -63.0951, 30.7108



125.3730, -26.3129, -53.8241



118.8810, 67.1067, -104.2586



150.9720, 33.0448, 41.2436

# Sweetspot

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



137.9820, -63.0951, 30.7108



211.0620, -24.1876, 11.3466



62.1570, -10.9234, 97.2093



104.1460, -14.8620, 6.8880



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



137.9820, -63.0951, 30.7108



176.1580, -86.8459, 41.9574



138.8700, -63.5329, -15.6720



84.8000, -3.3524, 1.9294



118.2250, -58.2849, 27.8667



18.0300, -8.8888, 4.3587



# Inverse Universe

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



45.0180, 63.0951, -30.7108



48.4290, 86.5565, -42.4722



44.1300, 63.5329, 15.6720



80.2000, 3.3524, -1.9294



32.3620, 57.9955, -28.3815

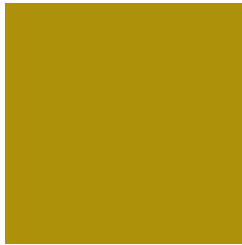


4.9700, 8.8888, -4.3587



# Previews

## White Background



This preview shows how the YUV color 137.9820, -63.0951, 30.7108 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 137.9820, -63.0951, 30.7108 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 137.9820, -63.0951, 30.7108

## Background



This preview shows how black text looks on a background with the YUV color 137.9820, -63.0951, 30.7108.



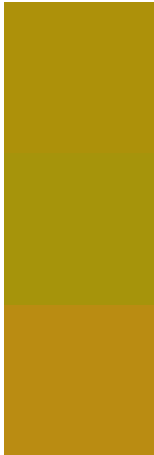
This preview shows how white text looks on a background with the YUV color 137.9820, -63.0951,



# 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

137.9820, -63.0951, 30.7108

### Protanopia

137.7640, -62.4947, 24.7630

### Deuteranopia

139.8460, -60.0701, 40.4771



## Tritanopia

149.8940, -2.4127, 27.2800

# Trichromacy



## Original Color

137.9820, -63.0951, 30.7108

## Protanomaly

138.0740, -62.6475, 27.1221

## Deuteranomaly

139.1830, -61.2222, 36.6735

## Tritanomaly

145.7590, -24.5312, 28.2754

# Monochromacy



## Original Color

137.9820, -63.0951, 30.7108

## Achromatopsia

138.0000, 0.0000, 0.0000

## Achromatomaly

138.2900, -23.3140, 11.1467

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 137.9820, -63.0951, 30.7108 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(173, 145, 10)` looks like.

```
.text, #text, p{  
    color:rgb(173, 145, 10)  
}
```

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(173, 145, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 145, 10) }
```

## Border

The CSS property to change the border of an element to YUV 137.9820, -63.0951, 30.7108 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(173, 145, 10) }
```



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

```
.border{ border-color:rgb(173, 145, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 145, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 145, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 145, 10);  
box-shadow:4px 4px 4px 4px rgb(173, 145,  
10) }
```

# Background

The CSS property to change the background color of an element to YUV 137.9820, -63.0951, 30.7108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 145, 10) }
```

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

```
.background{ background-color: rgb(173,  
145, 10) }
```

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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