

# Converting Colors

YUV(161.4150, -36.1936,  
35.5930)

Have a look what the booklet for  
YUV(161.4150, -36.1936, 35.5930)  
contains.

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# Color

**YUV(161.4150, -36.1936,  
35.5930)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA9B58
RGB	202, 155, 88
RGB Percent	79%, 61%, 35%
CMY	0.2078, 0.3922, 0.6549
CMYK	0.00, 0.23, 0.56, 0.21
HSL	35°, 52%, 57%
HSV	35°, 56%, 79%
XYZ	37.8399, 36.7038, 14.3227
YIQ	161.4150, 49.5190, -10.8730

# Conversions

## Conversions Part 2

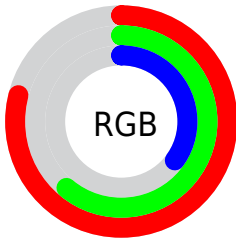
Format	Color
<a href="#">RYB</a>	168, 202, 88
Decimal	13278040
CIELab	67.05, 9.83, 41.48
CIElCh	67, 42.631, 76.666
Yxy	36.7038, 0.4258, 0.4130
Android (android.graphics.Color)	4291468120 (0xFFCA9B58)
YUV	161.4150, -36.1936, 35.5930
Hunter-Lab	60.5837, 5.4677, 28.3917

# Details

The YUV color **161.4150, -36.1936, 35.5930** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **128.5850, 36.1936, -35.5930**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7740, -37.3566, 35.2782**, and **108.8490, -34.4356, 31.7044** is the 20% darker color. If you saturate the color by 10%, you get **154.4390, -42.6144, 41.7110**, and if you desaturate by 10%, it is **168.3910, -29.7728, 29.4751**.

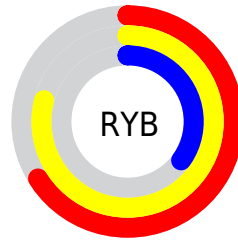
# Distribution



Red (79%)

Green (61%)

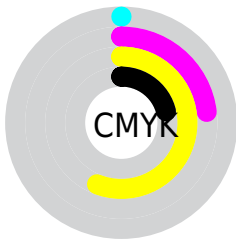
Blue (35%)



Red (66%)

Yellow (79%)

Blue (35%)

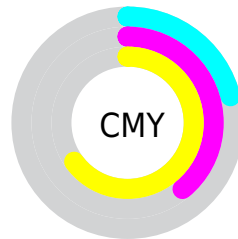


Cyan (0%)

Magenta (23%)

Yellow (56%)

Black (21%)



Cyan (21%)

Magenta (39%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 161.4150, -36.1936, 35.5930 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 161.4150, -36.1936, 35.5930 by changing the saturation by 10% instead.



■ 161.4150,  
-36.1936, 35.5930

■ 161.4150,  
-36.1936, 35.5930

■ 255.0000, 0.0000,  
0.0000

■ 134.6320,  
-35.3146, 33.6487

■ 214.7740,  
-37.3566, 35.2782

■ 108.8490,  
-34.4356, 31.7044

■ 234.8750,  
-33.9554, 17.6496

■ 83.4250, -34.7195,  
29.4453

■ 248.0460,  
-26.6447, 6.0987

■ 60.6680, -29.9093,  
26.6012

■ 251.2380,  
-14.4143, 3.2993

■ 40.2680, -19.8521,  
20.8130

■ 254.5440, -1.7472,  
0.3999

■ 21.0530, -10.3791,  
15.7395

■ 0.0000, 0.0000,

0.0000

■ 161.4150,  
-36.1936, 35.5930

■ 161.4150,  
-36.1936, 35.5930

■ 154.4390,  
-42.6144, 41.7110

■ 168.3910,  
-29.7728, 29.4751

■ 146.8760,  
-48.7459, 48.3437

■ 175.9540,  
-23.6413, 22.8423

■ 139.7860,  
-55.6035, 54.5617

■ 183.0440,  
-16.7837, 16.6244

■ 132.8100,  
-62.0243, 60.6796

■ 190.0200,  
-10.3629, 10.5065

■ 130.2510,  
-64.2137, 62.9239

■ 197.5830, -4.2314,  
3.8737

■ 204.5590, 2.1894,  
-2.2442

■ 211.5350, 8.6102,  
-8.3622

■ 219.2120, 15.1785,  
-15.0949

■ 224.4780, 15.0473,  
-19.7132

# Harmonies

## Analogous

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



163.6530, -26.9439, 55.5553



161.4150, -36.1936, 35.5930



158.2820, -34.6490, 6.7687

# Triad

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



161.4150, -36.1936, 35.5930



128.3970, 27.4123, -112.6042



167.7450, 23.7897, 23.0256

# Complementary

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



161.4150, -36.1936, 35.5930



128.5850, 36.1936, -35.5930

# 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.



162.7980, 36.5816, -19.9938



161.4150, -36.1936, 35.5930



130.5120, 43.1316, -114.4590

# Square

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



161.4150, -36.1936, 35.5930



143.2830, 0.3535, -66.9002



146.5200, 44.6066, -74.1240



166.9800, 7.4049, 51.7605



# Rectangle

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



161.4150, -36.1936, 35.5930



154.8000, -27.0164, -14.7336



146.5200, 44.6066, -74.1240



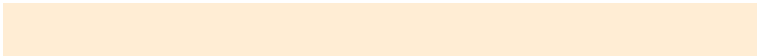
166.9220, 28.6325, 9.7154

# Sweetspot

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



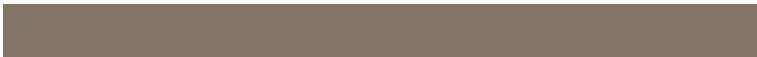
161.4150, -36.1936, 35.5930



239.5320, -13.5733, 13.5654



127.4440, 3.7251, 65.3856



118.5790, -8.1734, 8.2622



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



161.4150, -36.1936, 35.5930



193.6010, -55.0193, 53.8469



186.3130, -48.4683, 5.8645



98.5120, -3.2104, 3.0590



106.5730, -52.5405, 52.1175



24.2760, -11.9681, 12.0359

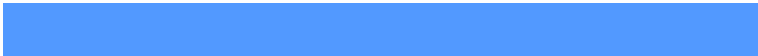


# Inverse Universe

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



128.5850, 36.1936, -35.5930



143.3990, 55.0193, -53.8469



103.9860, 48.3209, -5.2497



95.4880, 3.2104, -3.0590



58.8400, 52.8299, -51.6027

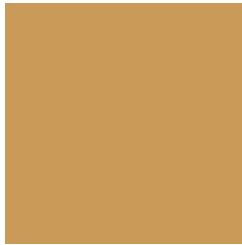


13.7240, 11.9681, -12.0359



# Previews

## White Background



This preview shows how the YUV color 161.4150, -36.1936, 35.5930 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

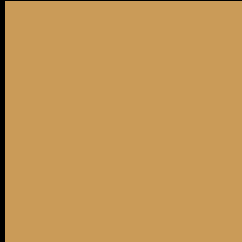
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 161.4150, -36.1936, 35.5930 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

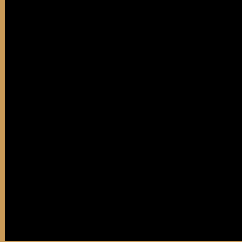
Any Text WCAG AA ✓ Pass

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 161.4150, -36.1936, 35.5930 Background



This preview shows how black text looks on a background with the YUV color 161.4150, -36.1936, 35.5930.



This preview shows how white text looks on a background with the YUV color 161.4150, -36.1936, 35.5930.



# 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

161.4150, -36.1936, 35.5930

### Protanopia

160.4620, -34.2448, 17.1348

### Deuteranopia

161.4040, -36.1882, 33.8487



## Tritanopia

166.4930, -4.1870, 36.4016

# Trichromacy



## Original Color

161.4150, -36.1936, 35.5930

## Protanomaly

160.9790, -34.9926, 23.6974

## Deuteranomaly

161.7030, -36.3356, 34.4635

## Tritanomaly

164.8060, -15.6804, 36.1271

# Monochromacy



## Original Color

161.4150, -36.1936, 35.5930

## Achromatopsia

161.0000, 0.0000, 0.0000

## Achromatomaly

161.2330, -13.4259, 12.9507

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 161.4150, -36.1936, 35.5930 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(202, 155, 88)` looks like.

```
.text, #text, p{  
    color:rgb(202, 155, 88)  
}
```

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(202, 155, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 155, 88) }
```

## Border

The CSS property to change the border of an element to YUV 161.4150, -36.1936, 35.5930 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(202, 155, 88) }
```



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

```
.border{ border-color:rgb(202, 155, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 155, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 155, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 155, 88);  
box-shadow:4px 4px 4px 4px rgb(202, 155,  
88) }
```

# Background

The CSS property to change the background color of an element to YUV 161.4150, -36.1936, 35.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 155, 88) }
```

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

```
.background{ background-color: rgb(202,  
155, 88) }
```

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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