

# Converting Colors

YUV(153.6720, -35.8273,  
58.1697)

Have a look what the booklet for  
YUV(153.6720, -35.8273, 58.1697)  
contains.

<b>YUV(153.6720, -35.8273, 58.1697)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(153.6720, -35.8273,  
58.1697)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DC8651
RGB	220, 134, 81
RGB Percent	86%, 53%, 32%
CMY	0.1373, 0.4745, 0.6824
CMYK	0.00, 0.39, 0.63, 0.14
HSL	23°, 67%, 59%
HSV	23°, 63%, 86%
XYZ	39.5255, 32.8599, 12.0440
YIQ	153.6720, 68.2690, 1.7490

# Conversions

## Conversions Part 2

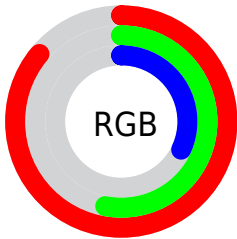
Format	Color
R <sub>YB</sub>	220, 167, 81
Decimal	14452305
CIE Lab	64.05, 28.18, 42.01
CIE LCh	64, 50.580, 56.149
Yxy	32.8599, 0.4681, 0.3892
Android (android.graphics.Color)	4292642385 (0xFFDC8651)
YUV	153.6720, -35.8273, 58.1697
Hunter-Lab	57.3236, 22.7623, 27.6694




# Details

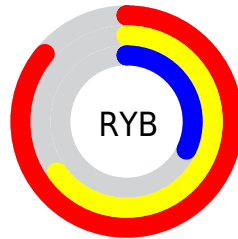
The YUV color **153.6720, -35.8273, 58.1697** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **147.3280, 35.8273, -58.1697**, and the grayscale version is **154.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **201.6490, -34.3370, 46.7888**, and **100.3230, -33.1902, 52.3367** is the 20% darker color. If you saturate the color by 10%, you get **142.9460, -41.3854, 67.5764**, and if you desaturate by 10%, it is **164.3980, -30.2692, 48.7630**.

# Distribution







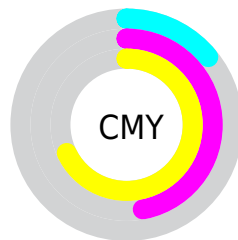
-  Red (86%)
-  Green (53%)
-  Blue (32%)






-  Red (86%)
-  Yellow (65%)
-  Blue (32%)



-  Cyan (0%)
-  Magenta (39%)
-  Yellow (63%)
-  Black (14%)



-  Cyan (14%)
-  Magenta (47%)
-  Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 153.6720, -35.8273, 58.1697 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 153.6720, -35.8273, 58.1697 by changing the saturation by 10% instead.



153.6720,  
-35.8273, 58.1697

153.6720,  
-35.8273, 58.1697

255.0000, 0.0000,  
0.0000

126.7040,  
-34.3641, 55.5106

201.6490,  
-34.3370, 46.7888

100.3230,  
-33.1902, 52.3367

221.0490,  
-31.0832, 29.7750

74.6000, -33.3268,  
49.4628

240.6770,  
-26.9558, 12.5613

51.9290, -25.6010,  
44.7893

250.3260,  
-17.9087, 4.0991

29.4690, -14.5282,  
39.9307

253.5180, -5.6784,  
1.2997

14.6510, -7.2229,  
30.1241

2.0930, -1.0318,

4.3034

■ 0.0000, 0.0000,  
0.0000

■ 153.6720,  
-35.8273, 58.1697

■ 153.6720,  
-35.8273, 58.1697

■ 142.9460,  
-41.3854, 67.5764

■ 164.3980,  
-30.2692, 48.7630

■ 132.8070,  
-47.2329, 76.4683

■ 174.5370,  
-24.4217, 39.8711

■ 122.0810,  
-52.7909, 85.8750

■ 185.2630,  
-18.8637, 30.4643

■ 115.0880,  
-56.7384, 92.0078

■ 195.4020,  
-13.0162, 21.5724

■ 206.1280, -7.4581,  
12.1657

■ 216.8540, -1.9000,  
2.7590

■ 226.9930, 3.9475,  
-6.1329

■ 237.4910, 8.6319,  
-15.3396

■ 244.5350, 5.1592,  
-21.5172

# Harmonies

## Analogous

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



155.0540, -18.2676, 72.7436



153.6720, -35.8273, 58.1697



151.2050, -44.4711, 30.5152

# Triad

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



153.6720, -35.8273, 58.1697



120.7710, 13.4239, -105.9162



156.8580, 39.0170, -7.7685

# Complementary

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



153.6720, -35.8273, 58.1697



147.3280, 35.8273, -58.1697

# 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.



135.5820, 53.9431, -82.0714



153.6720, -35.8273, 58.1697



126.0150, 33.5166, -110.5152

# Square

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



153.6720, -35.8273, 58.1697



138.7080, -17.6040, -47.1019



127.0700, 50.2515, -111.4404



159.9150, 22.7199, 39.5395



# Rectangle

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



153.6720, -35.8273, 58.1697



148.4580, -41.6378, 8.3683



127.0700, 50.2515, -111.4404



153.2900, 43.7340, -27.4413

# Sweetspot

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



153.6720, -35.8273, 58.1697



231.9180, -12.2846, 20.2429



132.5930, 17.9487, 76.6559



113.4270, -7.6055, 12.7805



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.



153.6720, -35.8273, 58.1697



162.4440, -50.0119, 81.1716



193.0010, -55.2165, 23.6781



104.6370, -2.7790, 4.7034



90.4690, -44.6012, 72.3797



24.3200, -11.9898, 19.0134



# Inverse Universe

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



147.3280, 35.8273, -58.1697



153.5560, 50.0119, -81.1716



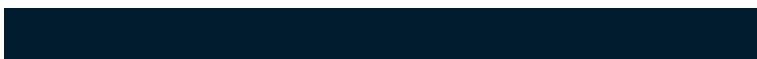
107.9990, 55.2165, -23.6781



103.7760, 3.0684, -4.1886



82.5310, 44.6012, -72.3797

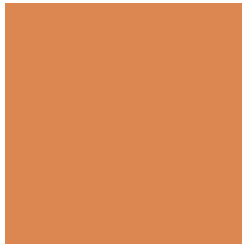


21.6800, 11.9898, -19.0134



# Previews

## White Background



This preview shows how the YUV color 153.6720, -35.8273, 58.1697 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 153.6720, -35.8273, 58.1697 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 153.6720, -35.8273, 58.1697

## Background



This preview shows how black text looks on a background with the YUV color 153.6720, -35.8273, 58.1697.



This preview shows how white text looks on a background with the YUV color 153.6720, -35.8273,



# 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

153.6720, -35.8273, 58.1697

### Protanopia

152.8470, -31.4766, 15.9202

### Deuteranopia

153.1760, -37.0618, 34.0486



## Tritanopia

157.1430, -9.9305, 58.6336

# Trichromacy



## Original Color

153.6720, -35.8273, 58.1697

## Protanomaly

153.1910, -33.1252, 31.4045

## Deuteranomaly

153.3450, -36.6521, 42.6704

## Tritanomaly

156.3250, -19.3872, 58.4740

# Monochromacy



## Original Color

153.6720, -35.8273, 58.1697

## Achromatopsia

154.0000, 0.0000, 0.0000

## Achromatomaly

153.9890, -13.3056, 21.0576

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.6720, -35.8273, 58.1697 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(220, 134, 81)` looks like.

```
.text, #text, p{  
    color:rgb(220, 134, 81)  
}
```

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(220, 134, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 134, 81) }
```

## Border

The CSS property to change the border of an element to YUV 153.6720, -35.8273, 58.1697 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(220, 134, 81) }
```



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

```
.border{ border-color:rgb(220, 134, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 134, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 134, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 134, 81);  
box-shadow:4px 4px 4px 4px rgb(220, 134,  
81) }
```

# Background

The CSS property to change the background color of an element to YUV 153.6720, -35.8273, 58.1697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 134, 81) }
```

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

```
.background{ background-color: rgb(220,  
134, 81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor