

# Converting Colors

YUV(133.7220, -21.5549,  
53.7408)

Have a look what the booklet for  
YUV(133.7220, -21.5549, 53.7408)  
contains.

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# Color

**YUV(133.7220, -21.5549,  
53.7408)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C36F5A
RGB	195, 111, 90
RGB Percent	76%, 44%, 35%
CMY	0.2353, 0.5647, 0.6471
CMYK	0.00, 0.43, 0.54, 0.24
HSL	12°, 47%, 56%
HSV	12°, 54%, 76%
XYZ	30.0356, 23.7092, 12.6661
YIQ	133.7220, 56.8050, 11.2770

# Conversions

## Conversions Part 2

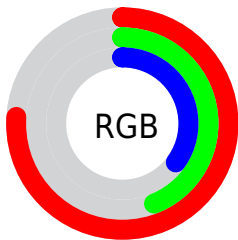
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 116, 90
Decimal	12808026
CIELab	55.80, 31.10, 26.15
CIELCh	56, 40.638, 40.058
Yxy	23.7092, 0.4523, 0.3570
Android (android.graphics.Color)	4290998106 (0xFFC36F5A)
YUV	133.7220, -21.5549, 53.7408
Hunter-Lab	48.6921, 24.8962, 18.6615

# Details

The YUV color **133.7220, -21.5549, 53.7408** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **151.2780, 21.5549, -53.7408**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4730, -23.8972, 58.3442**, and **81.7860, -18.6285, 48.4227** is the 20% darker color. If you saturate the color by 10%, you get **122.1640, -25.2239, 63.8772**, and if you desaturate by 10%, it is **145.3940, -17.4492, 43.5045**.

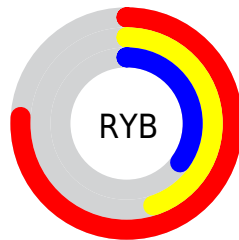
# Distribution



Red (76%)

Green (44%)

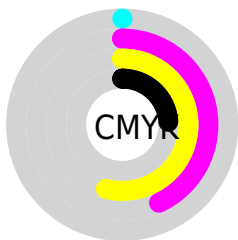
Blue (35%)



Red (76%)

Yellow (45%)

Blue (35%)

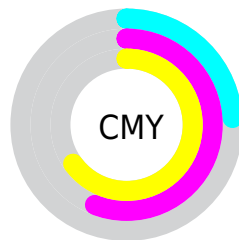


Cyan (0%)

Magenta (43%)

Yellow (54%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.7220, -21.5549, 53.7408 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 133.7220, -21.5549, 53.7408 by changing the saturation by 10% instead.



■ 133.7220,  
-21.5549, 53.7408

■ 133.7220,  
-21.5549, 53.7408

■ 255.0000, 0.0000,  
0.0000

■ 107.6400,  
-20.5285, 51.1817

■ 188.4730,  
-23.8972, 58.3442

■ 81.7860, -18.6285,  
48.4227

■ 207.4000,  
-19.9172, 41.7452

■ 56.9320, -16.7285,  
45.6636

■ 226.9140,  
-16.2266, 24.6314

■ 31.5620, -15.5601,  
44.2341

■ 247.1290,  
-12.3886, 6.9029

■ 16.4450, -8.1074,  
33.8127

■ 254.5440, -1.7472,  
0.3999

■ 7.8880, -3.3958,  
15.8842

■ 0.0000, 0.0000,

0.0000

■ 133.7220,  
-21.5549, 53.7408

■ 133.7220,  
-21.5549, 53.7408

■ 122.1640,  
-25.2239, 63.8772

■ 145.3940,  
-17.4492, 43.5045

■ 111.0790,  
-29.6189, 73.5987

■ 156.3650,  
-13.4909, 33.8829

■ 99.5210, -33.2879,  
83.7351

■ 167.9230, -9.8220,  
23.7465

■ 88.4360, -37.6829,  
93.4566

■ 179.0080, -5.4269,  
14.0250

■ 81.1980, -40.0306,  
99.8044

■ 190.5660, -1.7580,  
3.8886

■ 202.2380, 2.3477,  
-6.3477

■ 213.2090, 6.3060,  
-15.9693

■ 224.8810, 10.4117,  
-26.2056

■ 234.7120, 10.0020,  
-34.8274

# Harmonies

## Analogous

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



134.8700, -5.8519, 57.1190



133.7220, -21.5549, 53.7408



131.8650, -31.9784, 36.9524

# Triad

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



133.7220, -21.5549, 53.7408



116.5080, -4.1944, -54.8195



130.2160, 35.8825, -29.1304

# Complementary

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



133.7220, -21.5549, 53.7408



151.2780, 21.5549, -53.7408

# 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.



107.2140, 45.2505, -94.0267



133.7220, -21.5549, 53.7408



105.7540, 19.3483, -92.7463

# Square

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



133.7220, -21.5549, 53.7408



125.4020, -23.3692, -17.8926



108.3420, 34.3414, -95.0159



137.3200, 24.9852, 12.8744



# Rectangle

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



133.7220, -21.5549, 53.7408



130.7830, -34.4030, 21.2383



108.3420, 34.3414, -95.0159



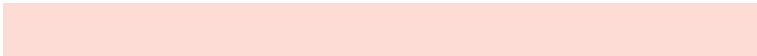
125.2030, 38.8469, -46.6590

# Sweetspot

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



133.7220, -21.5549, 53.7408



228.6560, -8.2114, 20.4727



130.9710, 21.2133, 56.1534



113.4100, -5.1321, 12.7954



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.



133.7220, -21.5549, 53.7408



156.4070, -33.7247, 83.8351



164.2460, -36.6033, 26.9713



91.1640, -2.0529, 5.1182



66.9230, -32.9930, 82.5055



13.9760, -6.8902, 16.6840



# Inverse Universe

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



151.2780, 21.5549, -53.7408



184.1800, 33.4353, -84.3499



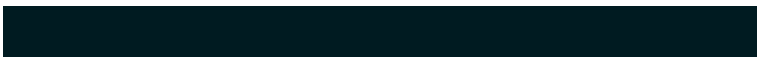
120.1670, 36.8927, -26.4565



92.8360, 2.0529, -5.1182



94.0770, 32.9930, -82.5055



19.6110, 6.6008, -17.1988



# Previews

## White Background



This preview shows how the YUV color 133.7220, -21.5549, 53.7408 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

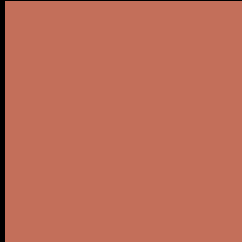
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 133.7220, -21.5549, 53.7408 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 133.7220, -21.5549, 53.7408

## Background



This preview shows how black text looks on a background with the YUV color 133.7220, -21.5549, 53.7408.



This preview shows how white text looks on a background with the YUV color 133.7220, -21.5549,



# 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

133.7220, -21.5549, 53.7408

### Protanopia

133.1140, -16.3252, 9.5470

### Deuteranopia

133.1930, -22.7731, 24.3867



## Tritanopia

134.8220, -9.7722, 54.5301

# Trichromacy



## Original Color

133.7220, -21.5549, 53.7408

## Protanomaly

133.6430, -18.5580, 25.7461

## Deuteranomaly

133.3730, -22.3689, 34.7529

## Tritanomaly

134.0840, -13.8454, 54.3003

# Monochromacy



## Original Color

133.7220, -21.5549, 53.7408

## Achromatopsia

134.0000, 0.0000, 0.0000

## Achromatomaly

134.0580, -7.9166, 19.2431

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.7220, -21.5549, 53.7408 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(195, 111, 90)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 90)  
}
```

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(195, 111, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 90) }
```

## Border

The CSS property to change the border of an element to YUV 133.7220, -21.5549, 53.7408 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(195, 111, 90) }
```



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

```
.border{ border-color:rgb(195, 111, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 111, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 90);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
90) }
```

# Background

The CSS property to change the background color of an element to YUV 133.7220, -21.5549, 53.7408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 90) }
```

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

```
.background{ background-color: rgb(195,  
111, 90) }
```

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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