

# Converting Colors

YUV(155.8210, -31.9568,  
29.9750)

Have a look what the booklet for  
YUV(155.8210, -31.9568, 29.9750)  
contains.

<b>YUV(155.8210, -31.9568, 29.9750)</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(155.8210, -31.9568,  
29.9750)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BE975B
RGB	190, 151, 91
RGB Percent	75%, 59%, 36%
CMY	0.2549, 0.4078, 0.6431
CMYK	0.00, 0.21, 0.52, 0.25
HSL	36°, 43%, 55%
HSV	36°, 52%, 75%
XYZ	34.1901, 33.8357, 14.6265
YIQ	155.8210, 42.5040, -10.3920

# Conversions

## Conversions Part 2

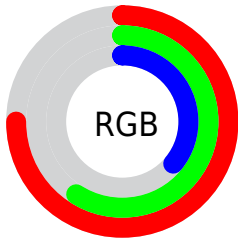
<b>Format</b>	<b>Color</b>
<b>RYB</b>	155, 190, 91
Decimal	12490587
CIELab	64.83, 7.18, 36.94
CIELCh	65, 37.628, 78.995
Yxy	33.8357, 0.4137, 0.4094
Android (android.graphics.Color)	4290680667 (0xFFBE975B)
YUV	155.8210, -31.9568, 29.9750
Hunter-Lab	58.1685, 3.1236, 25.8095

# Details

The YUV color **155.8210, -31.9568, 29.9750** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **125.1790, 31.9568, -29.9750**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.6750, -33.8568, 32.7340**, and **103.6680, -29.9093, 26.6012** is the 20% darker color. If you saturate the color by 10%, you get **149.5460, -38.2302, 35.4782**, and if you desaturate by 10%, it is **162.0960, -25.6833, 24.4718**.

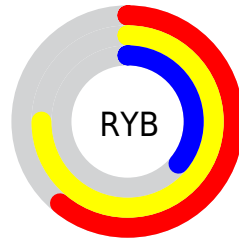
# Distribution



Red (75%)

Green (59%)

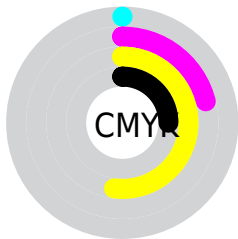
Blue (36%)



Red (61%)

Yellow (75%)

Blue (36%)

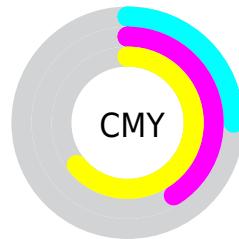


Cyan (0%)

Magenta (21%)

Yellow (52%)

Black (25%)



Cyan (25%)

Magenta (41%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 155.8210, -31.9568, 29.9750 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 155.8210, -31.9568, 29.9750 by changing the saturation by 10% instead.



■ 155.8210,  
-31.9568, 29.9750

■ 155.8210,  
-31.9568, 29.9750

■ 255.0000, 0.0000,  
0.0000

■ 129.4510,  
-30.7883, 28.5455

■ 210.6750,  
-33.8568, 32.7340

■ 103.6680,  
-29.9093, 26.6012

■ 232.2820,  
-31.1980, 19.9237

■ 78.7710, -29.4671,  
24.7568

■ 248.3880,  
-25.3343, 5.7987

■ 55.9170, -27.5671,  
21.9978

■ 251.5800,  
-13.1039, 2.9993

■ 35.8160, -17.6573,  
16.8244

■ 254.8860, -0.4368,  
0.1000

■ 15.7260, -7.7529,  
13.3953

■ 0.0000, 0.0000,

0.0000

■ 155.8210,  
-31.9568, 29.9750

■ 155.8210,  
-31.9568, 29.9750

■ 149.5460,  
-38.2302, 35.4782

■ 162.0960,  
-25.6833, 24.4718

■ 142.6840,  
-44.2142, 41.4961

■ 168.9580,  
-19.6993, 18.4538

■ 136.4090,  
-50.4876, 46.9993

■ 175.2330,  
-13.4259, 12.9507

■ 129.5470,  
-56.4717, 53.0173

■ 182.0950, -7.4418,  
6.9327

■ 124.3150,  
-61.2873, 57.6057

■ 188.3700, -1.1684,  
1.4295

■ 195.2320, 4.8156,  
-4.5885

■ 201.5070, 11.0890,  
-10.0916

■ 208.3690, 17.0731,  
-16.1096

■ 213.8460, 20.2889,  
-20.9129

# Harmonies

## Analogous

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



157.5920, -24.4489, 48.5928



155.8210, -31.9568, 29.9750



152.8240, -29.9862, 4.5394

# Triad

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



155.8210, -31.9568, 29.9750



123.0170, 27.1066, -107.8859



161.7080, 19.8640, 22.1811

# Complementary

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



155.8210, -31.9568, 29.9750



125.1790, 31.9568, -29.9750

# 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.



157.4630, 31.3237, -13.5611



155.8210, -31.9568, 29.9750



124.5620, 40.6419, -109.2409

# Square

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



155.8210, -31.9568, 29.9750



140.5660, 1.2000, -58.3784



146.5070, 37.7110, -55.6956



161.2630, 4.8003, 47.1273



# Rectangle

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



155.8210, -31.9568, 29.9750



150.2390, -22.7958, -15.1186



146.5070, 37.7110, -55.6956



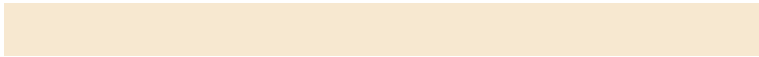
161.0810, 24.1171, 11.3300

# Sweetspot

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



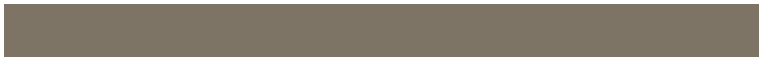
155.8210, -31.9568, 29.9750



233.7490, -12.6943, 11.6211



125.1610, 2.8786, 56.8638



116.9810, -7.8786, 7.0327



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



155.8210, -31.9568, 29.9750



193.5230, -50.0508, 46.8993



175.7240, -41.7689, 3.7501



91.2130, -3.0630, 2.4442



103.5940, -51.0718, 47.7141



20.4220, -10.0680, 9.2769



# Inverse Universe

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



125.1790, 31.9568, -29.9750



145.4770, 50.0508, -46.8993



105.2760, 41.7689, -3.7501



88.3740, 2.7736, -2.9590



54.4060, 51.0718, -47.7141



10.5780, 10.0680, -9.2769



# Previews

## White Background



This preview shows how the YUV color 155.8210, -31.9568, 29.9750 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 155.8210, -31.9568, 29.9750 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 155.8210, -31.9568, 29.9750

## Background



This preview shows how black text looks on a background with the YUV color 155.8210, -31.9568, 29.9750.



This preview shows how white text looks on a background with the YUV color 155.8210, -31.9568, 29.9750.

29.9750.

# 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

155.8210, -31.9568, 29.9750

### Protanopia

154.7760, -30.4556, 15.1054

### Deuteranopia

155.8320, -31.9622, 31.7193



## Tritanopia

160.1010, -3.0078, 31.4834

# Trichromacy



## Original Color

155.8210, -31.9568, 29.9750

## Protanomaly

154.9940, -31.0560, 21.0533

## Deuteranomaly

155.5330, -31.8148, 31.1046

## Tritanomaly

158.6420, -13.6275, 31.0090

# Monochromacy



## Original Color

155.8210, -31.9568, 29.9750

## Achromatopsia

156.0000, 0.0000, 0.0000

## Achromatomaly

155.6780, -11.6733, 10.8064

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.8210, -31.9568, 29.9750 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(190, 151, 91)` looks like.

```
.text, #text, p{  
    color:rgb(190, 151, 91)  
}
```

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(190, 151, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 151, 91) }
```

## Border

The CSS property to change the border of an element to YUV 155.8210, -31.9568, 29.9750 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(190, 151, 91) }
```



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

```
.border{ border-color:rgb(190, 151, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 151, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 151, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 151, 91);  
box-shadow:4px 4px 4px 4px rgb(190, 151,  
91) }
```

# Background

The CSS property to change the background color of an element to YUV 155.8210, -31.9568, 29.9750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 151, 91) }
```

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

```
.background{ background-color: rgb(190,  
151, 91) }
```

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