

# Converting Colors

YUV(148.8890, -21.6373,  
33.4233)

Have a look what the booklet for  
YUV(148.8890, -21.6373, 33.4233)  
contains.

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# Color

**YUV(148.8890, -21.6373,  
33.4233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BB8A69
RGB	187, 138, 105
RGB Percent	73%, 54%, 41%
CMY	0.2667, 0.4588, 0.5882
CMYK	0.00, 0.26, 0.44, 0.27
HSL	24°, 38%, 57%
HSV	24°, 44%, 73%
XYZ	32.1318, 29.7617, 17.4156
YIQ	148.8890, 39.7970, 0.1250

# Conversions

## Conversions Part 2

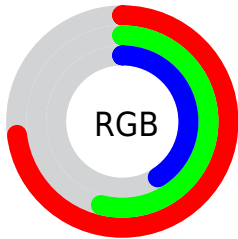
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 160, 105
Decimal	12290665
CIE <sub>Lab</sub>	61.45, 14.48, 24.97
CIE <sub>LCh</sub>	61, 28.864, 59.879
Yxy	29.7617, 0.4051, 0.3753
Android (android.graphics.Color)	4290480745 (0xFFBB8A69)
YUV	148.8890, -21.6373, 33.4233
Hunter-Lab	54.5543, 9.6644, 19.2605

# Details

The YUV color **148.8890, -21.6373, 33.4233** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **143.1110, 21.6373, -33.4233**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.8570, -23.1005, 36.0824**, and **97.6220, -20.0266, 30.1495** is the 20% darker color. If you saturate the color by 10%, you get **140.2660, -26.7531, 40.9857**, and if you desaturate by 10%, it is **157.5120, -16.5214, 25.8610**.

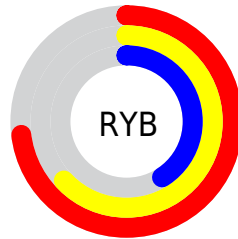
# Distribution



Red (73%)

Green (54%)

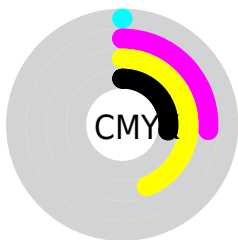
Blue (41%)



Red (73%)

Yellow (63%)

Blue (41%)

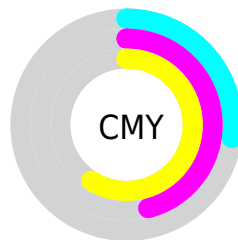


Cyan (0%)

Magenta (26%)

Yellow (44%)

Black (27%)



Cyan (27%)

Magenta (46%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 148.8890, -21.6373, 33.4233 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 148.8890, -21.6373, 33.4233 by changing the saturation by 10% instead.




 148.8890,  
-21.6373, 33.4233

 148.8890,  
-21.6373, 33.4233


255.0000, 0.0000,  
0.0000


 123.1060,  
-20.7583, 31.4790


 203.8570,  
-23.1005, 36.0824

 97.6220, -20.0266,  
30.1495


 225.7740,  
-20.5946, 25.6312


 72.9530, -18.7108,  
28.1052

 245.8750,  
-17.1934, 8.0026

 49.8710, -17.6844,  
25.5461

 253.2900, -6.5520,  
1.4997

 28.4730, -14.0372,  
22.3872

 9.2690, -4.5696,  
19.0581

 0.0000, 0.0000,

0.0000

■ 148.8890,  
-21.6373, 33.4233

■ 148.8890,  
-21.6373, 33.4233

■ 140.2660,  
-26.7531, 40.9857

■ 157.5120,  
-16.5214, 25.8610

■ 131.7570,  
-31.4322, 48.4481

■ 166.0210,  
-11.8424, 18.3986

■ 122.5470,  
-36.2587, 56.5253

■ 175.2310, -7.0159,  
10.3214

■ 113.9240,  
-41.3745, 64.0877

■ 183.8540, -1.9000,  
2.7590

■ 105.4150,  
-46.0536, 71.5500

■ 192.4770, 3.2158,  
-4.8033

■ 99.9380, -49.2694,  
76.3534

■ 200.9860, 7.8949,  
-12.2657

■ 209.6090, 13.0108,  
-19.8281

■ 218.2320, 18.1266,  
-27.3905

■ 225.2760, 14.6539,  
-33.5681

# Harmonies

## Analogous

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



150.2350, -12.9339, 41.8899



148.8890, -21.6373, 33.4233



146.9810, -24.6406, 16.6797

# Triad

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



148.8890, -21.6373, 33.4233



135.7720, 5.5354, -48.9120



150.8040, 20.8026, 1.0489

# Complementary

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



148.8890, -21.6373, 33.4233



143.1110, 21.6373, -33.4233

# 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.



145.4090, 26.4204, -27.5457



148.8890, -21.6373, 33.4233



133.3540, 19.5455, -62.5775

# Square

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



148.8890, -21.6373, 33.4233



140.4190, -9.0806, -27.5545



137.6570, 26.7911, -53.1962



152.0260, 10.8332, 25.4102



# Rectangle

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



148.8890, -21.6373, 33.4233



145.1750, -22.2713, 3.3545



137.6570, 26.7911, -53.1962



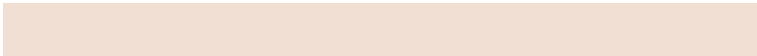
149.3190, 23.0137, -8.1728

# Sweetspot

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



148.8890, -21.6373, 33.4233



227.3130, -8.0423, 12.8805



135.1040, 9.3157, 45.5128



113.3770, -5.1159, 7.5624



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



148.8890, -21.6373, 33.4233



182.7960, -33.9164, 51.9219



172.9560, -33.5023, 12.3166



90.0390, -2.4842, 3.4738



84.8100, -41.8113, 64.1876



16.3130, -8.0423, 12.8805



# Inverse Universe

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



143.1110, 21.6373, -33.4233



173.7910, 33.6270, -52.4367



119.0440, 33.5023, -12.3166



89.5480, 2.1948, -3.9886



73.1900, 41.8113, -64.1876



14.1000, 8.3317, -12.3657



# Previews

## White Background



This preview shows how the YUV color 148.8890, -21.6373, 33.4233 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

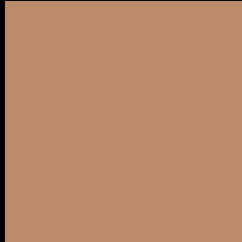
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 148.8890, -21.6373, 33.4233 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 148.8890, -21.6373, 33.4233

## Background



This preview shows how black text looks on a background with the YUV color 148.8890, -21.6373, 33.4233.



This preview shows how white text looks on a background with the YUV color 148.8890, -21.6373,



# 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

148.8890, -21.6373, 33.4233

### Protanopia

147.8430, -18.6566, 10.6617

### Deuteranopia

148.1330, -21.7576, 25.3164



## Tritanopia

151.1830, -4.0342, 34.0425

# Trichromacy



## Original Color

148.8890, -21.6373, 33.4233

## Protanomaly

148.2570, -19.8467, 19.0686

## Deuteranomaly

148.7420, -22.0578, 28.2903

## Tritanomaly

150.4620, -10.5808, 33.7978

# Monochromacy



## Original Color

148.8890, -21.6373, 33.4233

## Achromatopsia

149.0000, 0.0000, 0.0000

## Achromatomaly

149.0140, -7.8949, 12.2657

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.8890, -21.6373, 33.4233 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(187, 138, 105)` looks like.

```
.text, #text, p{  
    color:rgb(187, 138, 105)  
}
```

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(187, 138, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 138, 105) }
```

## Border

The CSS property to change the border of an element to YUV 148.8890, -21.6373, 33.4233 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(187, 138, 105) }
```



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

```
.border{ border-color:rgb(187, 138, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 138, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 138, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 138, 105);  
box-shadow:4px 4px 4px 4px rgb(187, 138,  
105) }
```

# Background

The CSS property to change the background color of an element to YUV 148.8890, -21.6373, 33.4233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 138, 105) }
```

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

```
.background{ background-color: rgb(187,  
138, 105) }
```

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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