

# Converting Colors

YUV(149.9830, -24.1486,  
45.6189)

Have a look what the booklet for  
YUV(149.9830, -24.1486, 45.6189)  
contains.

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# Color

**YUV(149.9830, -24.1486,  
45.6189)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA8565
RGB	202, 133, 101
RGB Percent	79%, 52%, 40%
CMY	0.2078, 0.4784, 0.6039
CMYK	0.00, 0.34, 0.50, 0.21
HSL	19°, 49%, 59%
HSV	19°, 50%, 79%
XYZ	35.0936, 30.2712, 16.3052
YIQ	149.9830, 51.3960, 4.6760

# Conversions

## Conversions Part 2

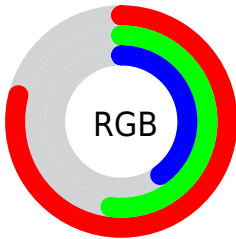
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 148, 101
Decimal	13272421
CIE Lab	61.89, 22.98, 28.08
CIE LCh	62, 36.286, 50.707
Yxy	30.2712, 0.4297, 0.3707
Android (android.graphics.Color)	4291462501 (0xFFCA8565)
YUV	149.9830, -24.1486, 45.6189
Hunter-Lab	55.0193, 17.5711, 20.9426

# Details

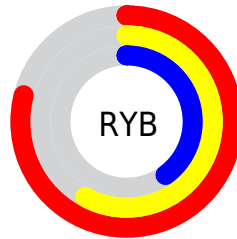
The YUV color **149.9830, -24.1486, 45.6189** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **153.0170, 24.1486, -45.6189**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3420, -25.3116, 45.3041**, and **98.2320, -21.8064, 41.0155** is the 20% darker color. If you saturate the color by 10%, you get **139.4850, -28.8331, 54.8257**, and if you desaturate by 10%, it is **160.4810, -19.4641, 36.4122**.

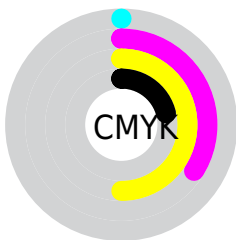
# Distribution



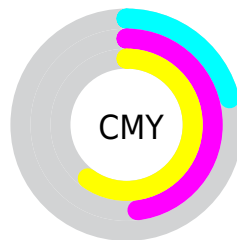
- Red (79%)
- Green (52%)
- Blue (40%)



- Red (79%)
- Yellow (58%)
- Blue (40%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (21%)



- Cyan (21%)
- Magenta (48%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.9830, -24.1486, 45.6189 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 149.9830, -24.1486, 45.6189 by changing the saturation by 10% instead.





 149.9830,  
-24.1486, 45.6189


 149.9830,  
-24.1486, 45.6189


255.0000, 0.0000,  
0.0000


 123.3140,  
-22.8328, 43.5746


 203.3420,  
-25.3116, 45.3041


 98.2320, -21.8064,  
41.0155


 222.2690,  
-21.3316, 28.7051


 73.1500, -20.7799,  
38.4565

 242.4840,  
-17.4936, 10.9765

 49.0680, -19.7535,  
35.8974

 252.7200, -8.7360,  
1.9996

 27.3540, -13.4855,  
32.1385

 11.9600, -5.8963,  
24.5911

 0.0000, 0.0000,

0.0000

■ 149.9830,  
-24.1486, 45.6189

■ 149.9830,  
-24.1486, 45.6189

■ 139.4850,  
-28.8331, 54.8257

■ 160.4810,  
-19.4641, 36.4122

■ 128.9870,  
-33.5176, 64.0324

■ 170.9790,  
-14.7796, 27.2054

■ 118.9620,  
-38.9283, 72.8243

■ 181.0040, -9.3690,  
18.4135

■ 108.4640,  
-43.6128, 82.0311

■ 191.5020, -4.6845,  
9.2067

■ 97.9660, -48.2972,  
91.2378

■ 202.0000, 0.0000,  
0.0000

■ 212.4980, 4.6845,  
-9.2067

■ 222.9960, 9.3690,  
-18.4135

■ 232.1090, 11.2853,  
-26.4056

■ 239.1530, 7.8126,  
-32.5832

# Harmonies

## Analogous

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



151.3550, -11.5140, 53.1857



149.9830, -24.1486, 45.6189



147.8530, -30.4935, 27.3159

# Triad

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



149.9830, -24.1486, 45.6189



133.2070, 2.3629, -58.0635



150.3170, 29.4237, -10.8020

# Complementary

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



149.9830, -24.1486, 45.6189



153.0170, 24.1486, -45.6189

# 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.



140.2580, 35.3688, -51.0923



149.9830, -24.1486, 45.6189



116.9360, 26.6536, -102.5529

# Square

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



149.9830, -24.1486, 45.6189



140.5950, -16.0693, -25.9548



118.2530, 39.3153, -103.7079



153.6650, 18.4062, 23.0958



# Rectangle

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



149.9830, -24.1486, 45.6189



145.8680, -30.0079, 11.5168



118.2530, 39.3153, -103.7079



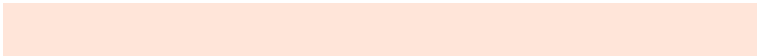
147.8100, 31.6457, -23.5124

# Sweetspot

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



149.9830, -24.1486, 45.6189



235.4060, -9.0742, 17.1839



139.0650, 15.2510, 55.1940



115.9860, -5.4161, 10.5363



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.



149.9830, -24.1486, 45.6189



175.9230, -36.4440, 69.3505



179.3330, -38.6182, 19.8790



96.7510, -2.3422, 4.6034



80.7450, -39.8073, 74.7686



18.4060, -9.0742, 17.1839



# Inverse Universe

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



153.0170, 24.1486, -45.6189



181.0770, 36.4440, -69.3505



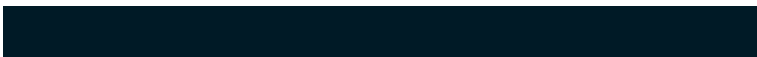
123.6670, 38.6182, -19.8790



97.2490, 2.3422, -4.6034



85.2550, 39.8073, -74.7686



19.5940, 9.0742, -17.1839



# Previews

## White Background



This preview shows how the YUV color 149.9830, -24.1486, 45.6189 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 149.9830, -24.1486, 45.6189 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

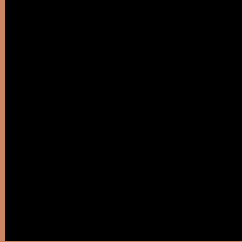
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 149.9830, -24.1486, 45.6189

## Background



This preview shows how black text looks on a background with the YUV color 149.9830, -24.1486, 45.6189.



This preview shows how white text looks on a background with the YUV color 149.9830, -24.1486,

45.6189.

# 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

149.9830, -24.1486, 45.6189

### Protanopia

148.5010, -19.9670, 10.9616

### Deuteranopia

149.0470, -24.6732, 27.1458



## Tritanopia

152.1630, -6.9824, 46.3380

# Trichromacy



## Original Color

149.9830, -24.1486, 45.6189

## Protanomaly

149.1220, -21.7521, 23.5720

## Deuteranomaly

149.2050, -24.2581, 34.0232

## Tritanomaly

151.5560, -13.0921, 45.9934

# Monochromacy



## Original Color

149.9830, -24.1486, 45.6189

## Achromatopsia

150.0000, 0.0000, 0.0000

## Achromatomaly

150.1070, -8.9268, 16.5692

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.9830, -24.1486, 45.6189 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, 133, 101)` looks like.

```
.text, #text, p{  
    color:rgb(202, 133, 101)  
}
```

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, 133, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 133, 101) }
```

## Border

The CSS property to change the border of an element to YUV 149.9830, -24.1486, 45.6189 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, 133, 101) }
```



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

```
.border{ border-color:rgb(202, 133, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 133, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 133, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 133, 101);  
box-shadow:4px 4px 4px 4px rgb(202, 133,  
101) }
```

# Background

The CSS property to change the background color of an element to YUV 149.9830, -24.1486, 45.6189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 133, 101) }
```

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

```
.background{ background-color: rgb(202,  
133, 101) }
```

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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