

# Converting Colors

YUV(154.4340, -24.8640,  
41.7154)

Have a look what the booklet for  
YUV(154.4340, -24.8640, 41.7154)  
contains.

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# Color

**YUV(154.4340, -24.8640,  
41.7154)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CA8C68
RGB	202, 140, 104
RGB Percent	79%, 55%, 41%
CMY	0.2078, 0.4510, 0.5922
CMYK	0.00, 0.31, 0.49, 0.21
HSL	22°, 48%, 60%
HSV	22°, 49%, 79%
XYZ	36.2339, 32.3122, 17.4238
YIQ	154.4340, 48.5080, 1.9480

# Conversions

## Conversions Part 2

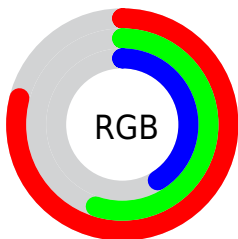
Format	Color
R <sub>Y</sub> B	202, 161, 104
Decimal	13274216
CIE Lab	63.60, 19.44, 28.66
CIE LCh	64, 34.631, 55.849
Yxy	32.3122, 0.4215, 0.3759
Android (android.graphics.Color)	4291464296 (0xFFCA8C68)
YUV	154.4340, -24.8640, 41.7154
Hunter-Lab	56.8438, 14.3044, 21.6170

# Details

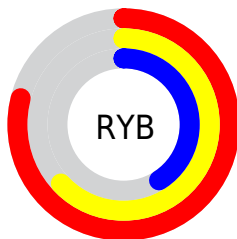
The YUV color **154.4340, -24.8640, 41.7154** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **151.5660, 24.8640, -41.7154**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.9070, -25.5902, 41.3006**, and **102.5690, -22.9585, 37.2120** is the 20% darker color. If you saturate the color by 10%, you get **144.5230, -29.8378, 50.4073**, and if you desaturate by 10%, it is **164.3450, -19.8901, 33.0234**.

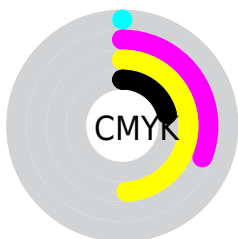
# Distribution



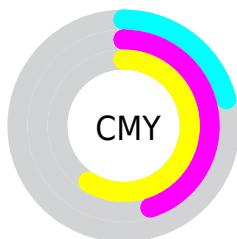
- Red (79%)
- Green (55%)
- Blue (41%)



- Red (79%)
- Yellow (63%)
- Blue (41%)



- Cyan (0%)
- Magenta (31%)
- Yellow (49%)
- Black (21%)



- Cyan (21%)
- Magenta (45%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 154.4340, -24.8640, 41.7154 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 154.4340, -24.8640, 41.7154 by changing the saturation by 10% instead.




 154.4340,  
-24.8640, 41.7154


 154.4340,  
-24.8640, 41.7154


255.0000, 0.0000,  
0.0000

 127.7650,  
-23.5481, 39.6711


 207.9070,  
-25.5902, 41.3006


 102.5690,  
-22.9585, 37.2120


 227.4210,  
-21.8996, 24.1868


 77.9000, -21.6427,  
35.1677

 246.9350,  
-18.2090, 7.0730

 53.8180, -20.6163,  
32.6086

 253.1760, -6.9888,  
1.5996

 31.7620, -15.6587,  
29.1497

 11.9600, -5.8963,  
24.5911

 0.0000, 0.0000,

0.0000

■ 154.4340,  
-24.8640, 41.7154

■ 154.4340,  
-24.8640, 41.7154

■ 144.5230,  
-29.8378, 50.4073

■ 164.3450,  
-19.8901, 33.0234

■ 134.6120,  
-34.8117, 59.0993

■ 174.2560,  
-14.9162, 24.3315

■ 125.1740,  
-40.5118, 67.3764

■ 183.6940, -9.2161,  
16.0544

■ 115.2630,  
-45.4857, 76.0683

■ 193.6050, -4.2423,  
7.3624

■ 105.3520,  
-50.4595, 84.7603

■ 203.5160, 0.7316,  
-1.3295

■ 103.8360,  
-51.1911, 86.0898

■ 213.4270, 5.7055,  
-10.0215

■ 222.7510, 10.9688,  
-18.1986

■ 231.5220, 11.5747,  
-25.8908

■ 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.



156.1760, -13.3978, 50.7116



154.4340, -24.8640, 41.7154



152.3470, -29.7511, 22.4977

# Triad

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



154.4340, -24.8640, 41.7154



137.7060, 5.5679, -59.3782



155.8510, 26.2025, -4.2543

# Complementary

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



154.4340, -24.8640, 41.7154



151.5660, 24.8640, -41.7154

# 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.



147.7540, 33.1523, -40.1263



154.4340, -24.8640, 41.7154



128.6820, 25.2998, -88.2981

# Square

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



154.4340, -24.8640, 41.7154



144.6700, -13.1483, -29.5286



134.7510, 34.1398, -76.9576



158.4760, 15.0483, 26.7695



# Rectangle

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



154.4340, -24.8640, 41.7154



150.1170, -27.6657, 6.9134



134.7510, 34.1398, -76.9576



153.5830, 29.2926, -15.4203

# Sweetspot

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



154.4340, -24.8640, 41.7154



236.5800, -9.6529, 16.1543



140.3700, 12.6356, 54.0495



116.5730, -5.7055, 10.0215



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.



154.4340, -24.8640, 41.7154



182.9500, -37.4433, 63.1879



183.1970, -39.0441, 16.4902



97.3380, -2.6316, 4.0886



85.4410, -42.1224, 70.6502



19.5800, -9.6529, 16.1543

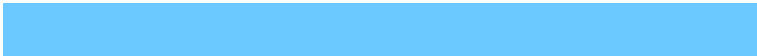


# Inverse Universe

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



151.5660, 24.8640, -41.7154



179.0500, 37.4434, -63.1878



122.8030, 39.0441, -16.4902



96.6620, 2.6316, -4.0886



80.5590, 42.1224, -70.6502



18.4200, 9.6529, -16.1543



# Previews

## White Background



This preview shows how the YUV color 154.4340, -24.8640, 41.7154 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

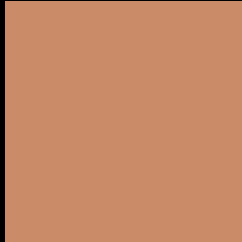
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 154.4340, -24.8640, 41.7154 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

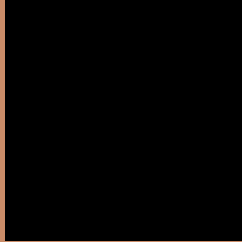
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 154.4340, -24.8640, 41.7154

## Background



This preview shows how black text looks on a background with the YUV color 154.4340, -24.8640, 41.7154.



This preview shows how white text looks on a background with the YUV color 154.4340, -24.8640, 41.7154.

41.7154.

# 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

154.4340, -24.8640, 41.7154

### Protanopia

152.5720, -20.9880, 11.7764

### Deuteranopia

153.8190, -25.5468, 27.3457



## Tritanopia

157.0700, -5.9505, 42.0346

# Trichromacy



## Original Color

154.4340, -24.8640, 41.7154

## Protanomaly

153.2960, -22.3309, 22.5424

## Deuteranomaly

153.9660, -25.1262, 32.4788

## Tritanomaly

156.2350, -12.9339, 41.8899

# Monochromacy



## Original Color

154.4340, -24.8640, 41.7154

## Achromatopsia

154.0000, 0.0000, 0.0000

## Achromatomaly

154.0960, -8.9213, 14.8248

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 154.4340, -24.8640, 41.7154 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, 140, 104)` looks like.

```
.text, #text, p{  
    color:rgb(202, 140, 104)  
}
```

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, 140, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 140, 104) }
```

## Border

The CSS property to change the border of an element to YUV 154.4340, -24.8640, 41.7154 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, 140, 104) }
```



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

```
.border{ border-color:rgb(202, 140, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 140, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 140, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 140, 104);  
box-shadow:4px 4px 4px 4px rgb(202, 140,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 154.4340, -24.8640, 41.7154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 140, 104) }
```

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

```
.background{ background-color: rgb(202,  
140, 104) }
```

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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