

# Converting Colors

YUV(122.2540, -21.8172,  
44.5042)

Have a look what the booklet for  
YUV(122.2540, -21.8172, 44.5042)  
contains.

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# Color

**YUV(122.2540, -21.8172,  
44.5042)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD694E
RGB	173, 105, 78
RGB Percent	68%, 41%, 31%
CMY	0.3216, 0.5882, 0.6941
CMYK	0.00, 0.39, 0.55, 0.32
HSL	17°, 38%, 49%
HSV	17°, 55%, 68%
XYZ	23.6603, 19.5374, 9.7318
YIQ	122.2540, 49.1950, 6.0190

# Conversions

## Conversions Part 2

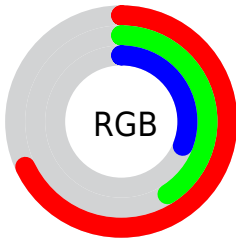
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 116, 78
Decimal	11364686
CIE <sub>Lab</sub>	51.31, 24.40, 26.63
CIE <sub>LCh</sub>	51, 36.120, 47.501
Yxy	19.5374, 0.4470, 0.3691
Android (android.graphics.Color)	4289554766 (0xFFAD694E)
YUV	122.2540, -21.8172, 44.5042
Hunter-Lab	44.2012, 18.1966, 17.8869

# Details

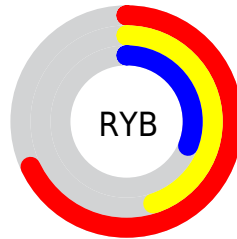
The YUV color **122.2540, -21.8172, 44.5042** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **128.7460, 21.8172, -44.5042**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.7060, -24.0121, 48.4928**, and **72.2040, -19.3276, 39.2861** is the 20% darker color. If you saturate the color by 10%, you get **113.2720, -25.7701, 52.3815**, and if you desaturate by 10%, it is **131.2360, -17.8643, 36.6270**.

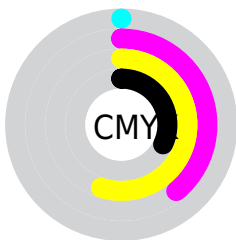
# Distribution



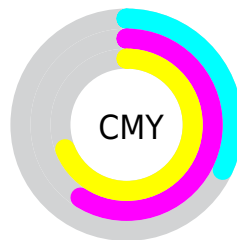
- Red (68%)
- Green (41%)
- Blue (31%)



- Red (68%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (39%)
- Yellow (55%)
- Black (32%)



- Cyan (32%)
- Magenta (59%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.2540, -21.8172, 44.5042 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 122.2540, -21.8172, 44.5042 by changing the saturation by 10% instead.



■ 122.2540,  
-21.8172, 44.5042

■ 122.2540,  
-21.8172, 44.5042

■ 255.0000, 0.0000,  
0.0000

■ 96.5850, -20.5014,  
42.4600

■ 175.7060,  
-24.0121, 48.4928

■ 72.2040, -19.3276,  
39.2861

■ 201.8090,  
-23.5698, 46.6485

■ 48.1220, -18.3011,  
36.7270

■ 221.2090,  
-20.3160, 29.6347

■ 25.5930, -12.6173,  
33.6829

■ 240.8370,  
-16.1886, 12.4210

■ 11.9600, -5.8963,  
24.5911

■ 252.8340, -8.2992,  
1.8996

■ 0.0000, 0.0000,  
0.0000

■ 122.2540,  
-21.8172, 44.5042

■ 122.2540,  
-21.8172, 44.5042

■ 113.2720,  
-25.7701, 52.3815

■ 131.2360,  
-17.8643, 36.6270

■ 103.5890,  
-29.8704, 60.8734

■ 140.9190,  
-13.7641, 28.1350

■ 94.6070, -33.8233,  
68.7507

■ 149.9010, -9.8112,  
20.2578

■ 85.0380, -37.4867,  
77.1427

■ 159.4700, -6.1477,  
11.8658

■ 80.4900, -39.6816,  
81.1313

■ 168.5660, -1.7580,  
3.8886

■ 177.5480, 2.1948,  
-3.9886

■ 187.1170, 5.8583,  
-12.3806

■ 196.0990, 9.8112,

-20.2578

■ 205.1950, 14.2009,  
-28.2350

# Harmonies

## Analogous

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



123.6150, -9.1772, 50.3266



122.2540, -21.8172, 44.5042



120.4940, -29.3305, 27.6308

# Triad

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



122.2540, -21.8172, 44.5042



104.6910, 1.6313, -56.7340



121.8820, 29.1452, -14.8055

# Complementary

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



122.2540, -21.8172, 44.5042



128.7460, 21.8172, -44.5042

# 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.



107.8330, 36.5643, -61.2435



122.2540, -21.8172, 44.5042



96.9660, 21.2158, -85.0392

# Square

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



122.2540, -21.8172, 44.5042



113.3890, -16.9538, -22.2662



98.8700, 33.5881, -86.7090



125.7570, 18.8538, 19.5071



# Rectangle

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



122.2540, -21.8172, 44.5042



118.9930, -29.5765, 13.1611



98.8700, 33.5881, -86.7090



118.7770, 31.6619, -28.7454

# Sweetspot

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



122.2540, -21.8172, 44.5042



205.2210, -8.4900, 16.4692



114.1570, 15.6986, 51.6053



100.8010, -4.8319, 9.8215



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



122.2540, -21.8172, 44.5042



144.9060, -33.9707, 69.3654



149.8430, -35.4186, 20.3087



81.8650, -1.9054, 4.5034



70.0910, -34.5549, 70.0802



10.9860, -5.4161, 10.5363



# Inverse Universe

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



128.7460, 21.8172, -44.5042



155.0940, 33.9707, -69.3654



101.1570, 35.4186, -20.3087



82.5480, 2.1948, -3.9886



80.4960, 34.2655, -70.5950



12.0140, 5.4161, -10.5363



# Previews

## White Background



This preview shows how the YUV color 122.2540, -21.8172, 44.5042 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

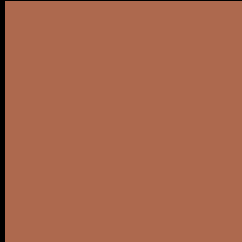
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.2540, -21.8172, 44.5042 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 122.2540, -21.8172, 44.5042

## Background



This preview shows how black text looks on a background with the YUV color 122.2540, -21.8172, 44.5042.



This preview shows how white text looks on a background with the YUV color 122.2540, -21.8172,



# 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

122.2540, -21.8172, 44.5042

### Protanopia

121.6580, -18.0724, 9.9469

### Deuteranopia

121.5950, -22.4783, 23.1572



## Tritanopia

123.9240, -7.8505, 44.7937

# Trichromacy



## Original Color

122.2540, -21.8172, 44.5042

## Protanomaly

121.6920, -19.5682, 23.0721

## Deuteranomaly

122.0520, -22.2106, 30.6494

## Tritanomaly

122.9580, -12.7973, 44.7638

# Monochromacy



## Original Color

122.2540, -21.8172, 44.5042

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.3350, -8.0532, 16.3692

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.2540, -21.8172, 44.5042 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(173, 105, 78)` looks like.

```
.text, #text, p{  
    color:rgb(173, 105, 78)  
}
```

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(173, 105, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 105, 78) }
```

## Border

The CSS property to change the border of an element to YUV 122.2540, -21.8172, 44.5042 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(173, 105, 78) }
```



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

```
.border{ border-color:rgb(173, 105, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 105, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 105, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 105, 78);  
box-shadow:4px 4px 4px 4px rgb(173, 105,  
78) }
```

# Background

The CSS property to change the background color of an element to YUV 122.2540, -21.8172, 44.5042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 105, 78) }
```

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

```
.background{ background-color: rgb(173,  
105, 78) }
```

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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