

# Converting Colors

YUV(98.9470, -16.2429,  
29.8645)

Have a look what the booklet for  
YUV(98.9470, -16.2429, 29.8645)  
contains.

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# Color

**YUV(98.9470, -16.2429,  
29.8645)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	855842
RGB	133, 88, 66
RGB Percent	52%, 35%, 26%
CMY	0.4784, 0.6549, 0.7412
CMYK	0.00, 0.34, 0.50, 0.48
HSL	20°, 34%, 39%
HSV	20°, 50%, 52%
XYZ	14.1460, 12.3593, 6.7943
YIQ	98.9470, 33.8820, 2.6980

# Conversions

## Conversions Part 2

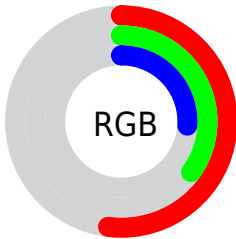
Format	Color
R <sub>Y</sub> B	133, 99, 66
Decimal	8738882
CIE Lab	41.78, 15.91, 20.30
CIE LCh	42, 25.791, 51.900
Yxy	12.3593, 0.4248, 0.3712
Android (android.graphics.Color)	4286928962 (0xFF855842)
YUV	98.9470, -16.2429, 29.8645
Hunter-Lab	35.1559, 10.3018, 13.1506

# Details

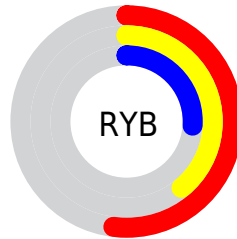
The YUV color **98.9470, -16.2429, 29.8645** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **100.0530, 16.2429, -29.8645**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.2140, -17.8535, 33.1383**, and **51.4950, -14.0480, 25.8759** is the 20% darker color. If you saturate the color by 10%, you get **92.1820, -19.3167, 35.7974**, and if you desaturate by 10%, it is **105.7120, -13.1690, 23.9316**.

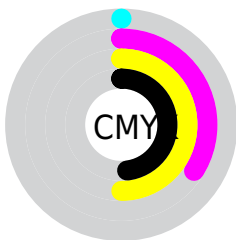
# Distribution



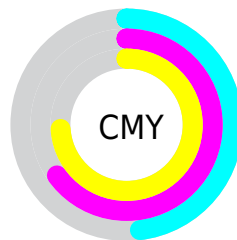
- Red (52%)
- Green (35%)
- Blue (26%)



- Red (52%)
- Yellow (39%)
- Blue (26%)



- Cyan (0%)
- Magenta (34%)
- Yellow (50%)
- Black (48%)



- Cyan (48%)
- Magenta (65%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.9470, -16.2429, 29.8645 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 98.9470, -16.2429, 29.8645 by changing the saturation by 10% instead.



■ 98.9470, -16.2429,  
29.8645

■ 98.9470, -16.2429,  
29.8645

255.0000, 0.0000,  
0.0000

■ 74.2780, -14.9271,  
27.8202

■ 150.2140,  
-17.8535, 33.1383

■ 51.4950, -14.0480,  
25.8759

■ 177.6980,  
-18.5851, 34.4679

■ 29.3700, -14.4794,  
24.2315

■ 205.1820,  
-19.3167, 35.7974

■ 10.1660, -5.0118,  
20.9024

■ 227.3870,  
-16.9528, 24.2166

■ 0.0000, 0.0000,  
0.0000

■ 247.0150,  
-12.8254, 7.0028

■ 254.4300, -2.1840,

0.4999

■ 98.9470, -16.2429,  
29.8645

■ 98.9470, -16.2429,  
29.8645

■ 92.1820, -19.3167,  
35.7974

■ 105.7120,  
-13.1690, 23.9316

■ 85.3030, -22.8274,  
41.8303

■ 112.5910, -9.6584,  
17.8987

■ 78.5380, -25.9012,  
47.7632

■ 119.3560, -6.5845,  
11.9658

■ 71.7730, -28.9751,  
53.6961

■ 126.1210, -3.5107,  
6.0329

■ 65.5950, -32.3383,  
59.1142

■ 133.0000, 0.0000,  
0.0000

■ 139.7650, 3.0739,  
-5.9329

■ 146.5300, 6.1477,  
-11.8658

■ 152.7080, 9.5110,  
-17.2839

■ 159.5870, 13.0216,  
-23.3168

# Harmonies

## Analogous

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



100.1570, -7.9654, 34.9423



98.9470, -16.2429, 29.8645



97.4310, -20.4255, 18.0390

# Triad

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



98.9470, -16.2429, 29.8645



88.2140, 1.8665, -38.7757



99.3040, 19.0771, -5.5286

# Complementary

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



98.9470, -16.2429, 29.8645



100.0530, 16.2429, -29.8645

# 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.



92.8770, 23.2316, -31.4641



98.9470, -16.2429, 29.8645



80.2570, 16.6353, -62.4924

# Square

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



98.9470, -16.2429, 29.8645



92.5450, -10.1287, -18.0180



82.5270, 23.8972, -58.3442



101.7860, 11.4445, 15.9737



# Rectangle

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



98.9470, -16.2429, 29.8645



96.1800, -19.8087, 6.8581



82.5270, 23.8972, -58.3442



98.0040, 20.7040, -14.0355

# Sweetspot

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



98.9470, -16.2429, 29.8645



160.0570, -6.4371, 11.3510



91.2770, 10.2164, 36.5911



78.7190, -3.8055, 7.2624



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



98.9470, -16.2429, 29.8645



120.6410, -25.4590, 45.9188



118.3180, -25.7928, 12.8761



62.9680, -1.4632, 2.6591



64.1110, -31.6067, 57.7847



1.4840, -0.7316, 1.3295



# Inverse Universe

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



100.0530, 16.2429, -29.8645



121.9460, 25.1696, -46.4336



80.6820, 25.7928, -12.8761



63.0320, 1.4632, -2.6591



65.8890, 31.6067, -57.7847



1.5160, 0.7316, -1.3295



# Previews

## White Background



This preview shows how the YUV color 98.9470, -16.2429, 29.8645 looks on a white 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



# Black Background



This preview shows how the YUV color 98.9470, -16.2429, 29.8645 looks on a black 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

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

# YUV 98.9470, -16.2429, 29.8645

## Background



This preview shows how black text looks on a background with the YUV color 98.9470, -16.2429, 29.8645.



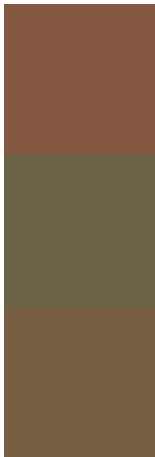
This preview shows how white text looks on a background with the YUV color 98.9470, -16.2429,



# 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

98.9470, -16.2429, 29.8645

### Protanopia

98.2000, -13.4096, 7.7176

### Deuteranopia

98.7560, -16.6417, 17.7540



## Tritanopia

100.6340, -4.7496, 30.1390

# Trichromacy



## Original Color

98.9470, -16.2429, 29.8645

## Protanomaly

98.3150, -14.4523, 15.5097

## Deuteranomaly

98.4900, -16.5106, 22.3723

## Tritanomaly

99.8960, -8.8227, 29.9092

# Monochromacy



## Original Color

98.9470, -16.2429, 29.8645

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

98.8720, -5.8529, 10.6363

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.9470, -16.2429, 29.8645 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(133, 88, 66)` looks like.

```
.text, #text, p{  
    color:rgb(133, 88, 66)  
}
```

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(133, 88, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 88, 66) }
```

## Border

The CSS property to change the border of an element to YUV 98.9470, -16.2429, 29.8645 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(133, 88, 66) }
```



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

```
.border{ border-color:rgb(133, 88, 66) }
```

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

Here you see how a box with a 4 pixel rgb(133, 88, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 88, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 88, 66);  
box-shadow:4px 4px 4px 4px rgb(133, 88,  
66) }
```

# Background

The CSS property to change the background color of an element to YUV 98.9470, -16.2429, 29.8645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 88, 66) }
```

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

```
.background{ background-color: rgb(133, 88,  
66) }
```

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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