

# Converting Colors

YUV(115.8500, -22.6040,  
16.7946)

Have a look what the booklet for  
YUV(115.8500, -22.6040, 16.7946)  
contains.

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# Color

**YUV(115.8500, -22.6040,  
16.7946)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	877346
RGB	135, 115, 70
RGB Percent	53%, 45%, 27%
CMY	0.4706, 0.5490, 0.7255
CMYK	0.00, 0.15, 0.48, 0.47
HSL	42°, 32%, 40%
HSV	42°, 48%, 53%
XYZ	17.2279, 17.8546, 8.3326
YIQ	115.8500, 26.3650, -9.7550

# Conversions

## Conversions Part 2

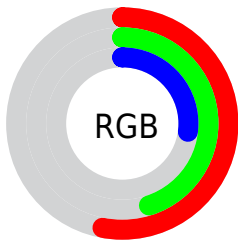
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 135, 70
Decimal	8876870
CIELab	49.32, 1.42, 27.71
CIELCh	49, 27.743, 87.071
Yxy	17.8546, 0.3968, 0.4113
Android (android.graphics.Color)	4287066950 (0xFF877346)
YUV	115.8500, -22.6040, 16.7946
Hunter-Lab	42.2547, -1.1684, 17.8863

# Details

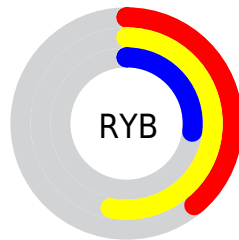
The YUV color **115.8500, -22.6040, 16.7946** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **89.1500, 22.6041, -16.7945**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4050, -24.3567, 18.9388**, and **66.9960, -20.7040, 14.0355** is the 20% darker color. If you saturate the color by 10%, you get **112.0200, -27.1249, 20.1535**, and if you desaturate by 10%, it is **119.7940, -17.6464, 13.3357**.

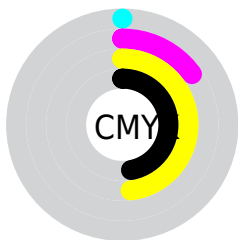
# Distribution



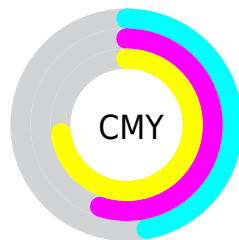
- Red (53%)
- Green (45%)
- Blue (27%)



- Red (39%)
- Yellow (53%)
- Blue (27%)



- Cyan (0%)
- Magenta (15%)
- Yellow (48%)
- Black (47%)



- Cyan (47%)
- Magenta (55%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 115.8500, -22.6040, 16.7946 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 115.8500, -22.6040, 16.7946 by changing the saturation by 10% instead.



■ 115.8500,  
-22.6040, 16.7946

■ 115.8500,  
-22.6040, 16.7946

■ 255.0000, 0.0000,  
0.0000

■ 91.3660, -21.8724,  
15.4650

■ 168.4050,  
-24.3567, 18.9388

■ 66.9960, -20.7040,  
14.0355

■ 195.5900,  
-24.9409, 19.6536

■ 44.0560, -21.7196,  
13.1059

■ 223.7750,  
-25.5251, 20.3683

■ 25.4390, -12.5414,  
9.2620

■ 245.6810,  
-23.0137, 8.1728

■ 0.0000, 0.0000,  
0.0000

■ 251.8080,  
-12.2303, 2.7994

■ 115.8500,  
-22.6040, 16.7946

■ 115.8500,  
-22.6040, 16.7946

■ 112.0200,  
-27.1249, 20.1535

■ 119.7940,  
-17.6464, 13.3357

■ 108.0760,  
-32.0825, 23.6123

■ 123.6240,  
-13.1256, 9.9768

■ 104.1320,  
-37.0401, 27.0712

■ 127.5680, -8.1680,  
6.5179

■ 99.7150, -41.2715,  
30.9449

■ 131.9850, -3.9366,  
2.6442

■ 95.7710, -46.2291,  
34.4038

■ 135.9290, 1.0210,  
-0.8147

■ 94.9560, -46.8133,  
35.1186

■ 139.7590, 5.5418,  
-4.1736

■ 143.7030, 10.4994,  
-7.6325

■ 147.5330, 15.0202,

-10.9914

■ 151.4770, 19.9778,  
-14.4503

# Harmonies

## Analogous

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



117.5620, -19.0111, 31.0791



115.8500, -22.6040, 16.7946



113.3530, -18.9080, -2.0636

# Triad

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



115.8500, -22.6040, 16.7946



98.9300, 19.2615, -64.8366



120.7050, 10.9914, 21.3067

# Complementary

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



115.8500, -22.6040, 16.7946



89.1500, 22.6041, -16.7945

# 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.



118.8530, 19.7925, -1.6251



115.8500, -22.6040, 16.7946



103.7060, 25.7809, -55.8702

# Square

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



115.8500, -22.6040, 16.7946



105.1530, 4.3616, -45.7382



113.0560, 25.1154, -28.9901



119.6330, 0.1809, 35.4019



# Rectangle

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



115.8500, -22.6040, 16.7946



111.3450, -13.4811, -16.0886



113.0560, 25.1154, -28.9901



120.1710, 14.2127, 14.7590

# Sweetspot

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



115.8500, -22.6040, 16.7946



168.4540, -8.6048, 6.6178



91.8290, -0.4087, 37.8610



84.9420, -5.3944, 3.5589



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



115.8500, -22.6040, 16.7946



146.1750, -35.5823, 26.1565



124.0020, -26.6230, -0.8788



64.1420, -2.0420, 1.6295



91.7000, -45.2081, 33.5891



2.0710, -1.0210, 0.8147



# Inverse Universe

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



89.1500, 22.6041, -16.7945



103.8250, 35.5823, -26.1565



80.9980, 26.6230, 0.8788



61.8580, 2.0420, -1.6295



38.3000, 45.2081, -33.5891



0.9290, 1.0210, -0.8147



# Previews

## White Background



This preview shows how the YUV color 115.8500, -22.6040, 16.7946 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 115.8500, -22.6040, 16.7946 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

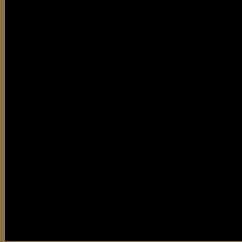
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 115.8500, -22.6040, 16.7946

## Background



This preview shows how black text looks on a background with the YUV color 115.8500, -22.6040, 16.7946.



This preview shows how white text looks on a background with the YUV color 115.8500, -22.6040,



# 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

115.8500, -22.6040, 16.7946

### Protanopia

115.0450, -21.7142, 11.3615

### Deuteranopia

116.2960, -22.3309, 22.5424



## Tritanopia

119.2950, -0.6384, 18.1583

# Trichromacy



## Original Color

115.8500, -22.6040, 16.7946

## Protanomaly

115.3550, -21.8670, 13.7207

## Deuteranomaly

115.9860, -22.1781, 20.1833

## Tritanomaly

117.9330, -8.3480, 17.5988

# Monochromacy



## Original Color

115.8500, -22.6040, 16.7946

## Achromatopsia

116.0000, 0.0000, 0.0000

## Achromatomaly

116.1550, -8.4574, 6.0031

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 115.8500, -22.6040, 16.7946 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(135, 115, 70)` looks like.

```
.text, #text, p{  
    color:rgb(135, 115, 70)  
}
```

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(135, 115, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 115, 70) }
```

## Border

The CSS property to change the border of an element to YUV 115.8500, -22.6040, 16.7946 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(135, 115, 70) }
```



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

```
.border{ border-color:rgb(135, 115, 70) }
```

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

Here you see how a box with a 4 pixel rgb(135, 115, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 115, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 115, 70);  
box-shadow:4px 4px 4px 4px rgb(135, 115,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 115.8500, -22.6040, 16.7946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 115, 70) }
```

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

```
.background{ background-color: rgb(135,  
115, 70) }
```

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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