

# Converting Colors

YUV(107.6080, -28.8937,  
27.5308)

Have a look what the booklet for  
YUV(107.6080, -28.8937, 27.5308)  
contains.

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# Color

**YUV(107.6080, -28.8937,  
27.5308)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B6731
RGB	139, 103, 49
RGB Percent	55%, 40%, 19%
CMY	0.4549, 0.5961, 0.8078
CMYK	0.00, 0.26, 0.65, 0.45
HSL	36°, 48%, 37%
HSV	36°, 65%, 55%
XYZ	16.0521, 15.4112, 5.0344
YIQ	107.6080, 38.7900, -9.1620

# Conversions

## Conversions Part 2

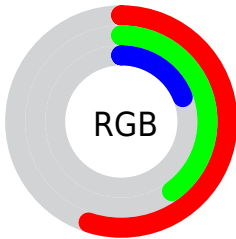
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 139, 49
Decimal	9135921
CIE <sub>Lab</sub>	46.19, 8.31, 35.44
CIE <sub>LCh</sub>	46, 36.405, 76.811
Yxy	15.4112, 0.4398, 0.4223
Android (android.graphics.Color)	4287326001 (0xFF8B6731)
YUV	107.6080, -28.8937, 27.5308
Hunter-Lab	39.2571, 4.2880, 19.8766

# Details

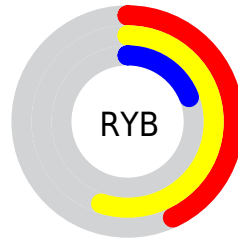
The YUV color **107.6080, -28.8937, 27.5308** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **80.3920, 28.8937, -27.5308**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.7610, -30.9412, 30.9046**, and **58.7000, -28.4461, 23.9421** is the 20% darker color. If you saturate the color by 10%, you get **102.4900, -33.2726, 32.0193**, and if you desaturate by 10%, it is **112.7260, -24.5149, 23.0423**.

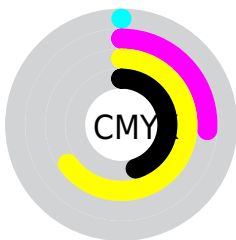
# Distribution



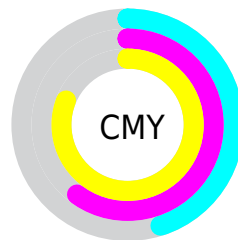
- Red (55%)
- Green (40%)
- Blue (19%)



- Red (43%)
- Yellow (55%)
- Blue (19%)



- Cyan (0%)
- Magenta (26%)
- Yellow (65%)
- Black (45%)



- Cyan (45%)
- Magenta (60%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 107.6080, -28.8937, 27.5308 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 107.6080, -28.8937, 27.5308 by changing the saturation by 10% instead.





 107.6080,  
-28.8937, 27.5308


 107.6080,  
-28.8937, 27.5308


255.0000, 0.0000,  
0.0000


 82.8250, -28.0147,  
25.5865


 159.7610,  
-30.9412, 30.9046


 58.7000, -28.4461,  
23.9421

 187.2450,  
-31.6728, 32.2341


 38.4850, -18.9731,  
18.8687

 215.0280,  
-32.5518, 34.1784

 18.6830, -9.2107,  
14.3100

 234.8410,  
-29.0086, 17.6794

 0.0000, 0.0000,  
0.0000

 249.0720,  
-22.7135, 5.1989

 252.3780,

-10.0464, 2.2995

■ 107.6080,  
-28.8937, 27.5308

■ 107.6080,  
-28.8937, 27.5308

■ 102.4900,  
-33.2726, 32.0193

■ 112.7260,  
-24.5149, 23.0423

■ 97.9590, -37.9408,  
35.9930

■ 117.2570,  
-19.8467, 19.0686

■ 92.8410, -42.3196,  
40.4814

■ 122.3750,  
-15.4679, 14.5801

■ 90.2820, -44.5090,  
42.7257

■ 126.9060,  
-10.7997, 10.6064

■ 131.9100, -6.8576,  
6.2179

■ 136.4410, -2.1894,  
2.2442

■ 141.5590, 2.1894,  
-2.2442

■ 146.0900, 6.8576,  
-6.2179

■ 151.2080, 11.2365,  
-10.7064

# Harmonies

## Analogous

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



109.0690, -21.2330, 43.7895



107.6080, -28.8937, 27.5308



105.1060, -27.6603, 5.1690

# Triad

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



107.6080, -28.8937, 27.5308



87.7390, 18.8627, -76.9471



113.0450, 18.7118, 18.3775

# Complementary

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



107.6080, -28.8937, 27.5308



80.3920, 28.8937, -27.5308

# 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.



108.8710, 29.1506, -16.5499



107.6080, -28.8937, 27.5308



89.6430, 31.2350, -78.6169

# Square

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



107.6080, -28.8937, 27.5308



89.7830, 2.0790, -60.3227



87.8310, 39.5233, -77.0278



111.5720, 6.1270, 41.5944



# Rectangle

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



107.6080, -28.8937, 27.5308



102.6030, -21.4963, -11.9298



87.8310, 39.5233, -77.0278



112.3040, 22.5281, 7.6264

# Sweetspot

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



107.6080, -28.8937, 27.5308



168.9060, -10.7997, 10.6064



80.0140, 2.4581, 51.7307



84.3230, -6.5682, 6.7327



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



107.6080, -28.8937, 27.5308



132.0540, -45.3826, 42.9256



126.0490, -37.9852, 3.4650



66.4410, -2.1894, 2.2442



86.7270, -42.7564, 40.5814



3.2560, -1.6052, 1.5295



# Inverse Universe

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



80.3920, 28.8937, -27.5308



88.9460, 45.3826, -42.9256



61.9510, 37.9852, -3.4650



64.5590, 2.1894, -2.2442



46.2730, 42.7564, -40.5814



1.7440, 1.6052, -1.5295



# Previews

## White Background



This preview shows how the YUV color 107.6080, -28.8937, 27.5308 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 107.6080, -28.8937, 27.5308 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

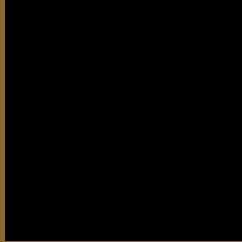
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 107.6080, -28.8937, 27.5308

## Background



This preview shows how black text looks on a background with the YUV color 107.6080, -28.8937, 27.5308.



This preview shows how white text looks on a background with the YUV color 107.6080, -28.8937, 27.5308.



# 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

107.6080, -28.8937, 27.5308

### Protanopia

106.8620, -27.5400, 13.2760

### Deuteranopia

107.2980, -28.7409, 25.1717



## Tritanopia

111.5520, -3.7231, 27.5799

# Trichromacy



## Original Color

107.6080, -28.8937, 27.5308

## Protanomaly

106.7810, -27.9930, 18.6091

## Deuteranomaly

107.5970, -28.8883, 25.7864

## Tritanomaly

110.1470, -12.8905, 27.9351

# Monochromacy



## Original Color

107.6080, -28.8937, 27.5308

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

107.7210, -10.2155, 9.8917

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.6080, -28.8937, 27.5308 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(139, 103, 49)` looks like.

```
.text, #text, p{  
    color:rgb(139, 103, 49)  
}
```

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(139, 103, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 103, 49) }
```

## Border

The CSS property to change the border of an element to YUV 107.6080, -28.8937, 27.5308 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(139, 103, 49) }
```



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

```
.border{ border-color:rgb(139, 103, 49) }
```

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

Here you see how a box with a 4 pixel rgb(139, 103, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 103, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 103, 49);  
box-shadow:4px 4px 4px 4px rgb(139, 103,  
49) }
```

# Background

The CSS property to change the background color of an element to YUV 107.6080, -28.8937, 27.5308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 103, 49) }
```

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

```
.background{ background-color: rgb(139,  
103, 49) }
```

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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