

# Converting Colors

YUV(97.0270, -31.0723,  
26.2863)

Have a look what the booklet for  
YUV(97.0270, -31.0723, 26.2863)  
contains.

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# Color

**YUV(97.0270, -31.0723,  
26.2863)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F5E22
RGB	127, 94, 34
RGB Percent	50%, 37%, 13%
CMY	0.5020, 0.6314, 0.8667
CMYK	0.00, 0.26, 0.73, 0.50
HSL	39°, 58%, 32%
HSV	39°, 73%, 50%
XYZ	13.0438, 12.6329, 3.2643
YIQ	97.0270, 38.9280, -11.6640

# Conversions

## Conversions Part 2

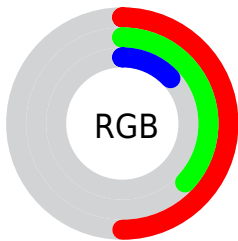
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">85, 127, 34</a>
Decimal	<a href="#">8347170</a>
CIELab	<a href="#">42.20, 7.02, 38.22</a>
CIELCh	<a href="#">42, 38.862, 79.591</a>
Yxy	<a href="#">12.6329, 0.4507, 0.4365</a>
Android (android.graphics.Color)	<a href="#">4286537250</a> ( <a href="#">0xFF7F5E22</a> )
YUV	<a href="#">97.0270, -31.0723, 26.2863</a>
Hunter-Lab	<a href="#">35.5428, 3.3076, 19.4347</a>

# Details

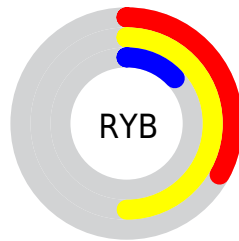
The YUV color **97.0270, -31.0723, 26.2863** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **63.9730, 31.0723, -26.2863**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.5930, -32.8303, 30.1749**, and **50.6010, -24.9463, 21.3979** is the 20% darker color. If you saturate the color by 10%, you get **92.6100, -35.3037, 30.1600**, and if you desaturate by 10%, it is **101.4440, -26.8409, 22.4126**.

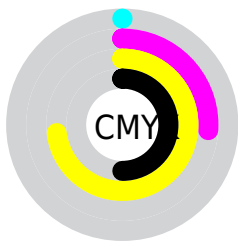
# Distribution



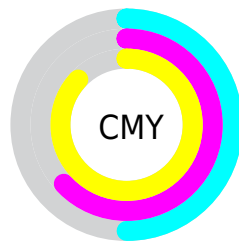
- Red (50%)
- Green (37%)
- Blue (13%)



- Red (33%)
- Yellow (50%)
- Blue (13%)



- Cyan (0%)
- Magenta (26%)
- Yellow (73%)
- Black (50%)



- Cyan (50%)
- Magenta (63%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.0270, -31.0723, 26.2863 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 97.0270, -31.0723, 26.2863 by changing the saturation by 10% instead.



97.0270, -31.0723,  
26.2863

97.0270, -31.0723,  
26.2863

255.0000, 0.0000,  
0.0000

71.9020, -31.5037,  
24.6419

148.5930,  
-32.8303, 30.1749

50.6010, -24.9463,  
21.3979

175.6640,  
-33.8514, 30.9897

31.0870, -15.3259,  
15.7097

203.4470,  
-34.7304, 32.9340

8.3500, -4.1166,  
13.7250

227.0330,  
-33.5403, 24.5271

0.0000, 0.0000,  
0.0000

246.6610,  
-29.4129, 7.3133

250.4400,

-17.4719, 3.9991

253.6320, -5.2416,  
1.1997

97.0270, -31.0723,  
26.2863

97.0270, -31.0723,  
26.2863

92.6100, -35.3037,  
30.1600

101.4440,  
-26.8409, 22.4126

88.8940, -39.3877,  
33.4190

105.1600,  
-22.7569, 19.1537

86.1070, -42.4508,  
35.8632

109.5770,  
-18.5255, 15.2800

113.4070,  
-14.0047, 11.9211

117.8240, -9.7732,  
8.0474

■ 121.5400, -5.6892,  
4.7884

■ 125.9570, -1.4578,  
0.9147

■ 129.7870, 3.0630,  
-2.4442

■ 134.0900, 6.8576,  
-6.2179

# Harmonies

## Analogous

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



98.6130, -22.9802, 44.1894



97.0270, -31.0723, 26.2863



94.0410, -29.1072, 2.5950

# Triad

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



97.0270, -31.0723, 26.2863



81.1850, 19.1358, -71.1992



103.0670, 18.7010, 21.8662

# Complementary

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



97.0270, -31.0723, 26.2863



63.9730, 31.0723, -26.2863

# 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.



99.1100, 30.0188, -15.0055



97.0270, -31.0723, 26.2863



83.2030, 31.9449, -72.9690

# Square

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



97.0270, -31.0723, 26.2863



77.4230, 4.7215, -67.9000



80.6900, 40.0858, -70.7651



101.3660, 5.2426, 45.2830



# Rectangle

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



97.0270, -31.0723, 26.2863



91.2820, -21.3380, -16.0333



80.6900, 40.0858, -70.7651



102.4400, 22.9541, 11.0151

# Sweetspot

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



97.0270, -31.0723, 26.2863



154.1510, -12.3994, 10.3916



65.6830, 1.1423, 53.7750



76.7960, -7.2944, 6.3179



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



97.0270, -31.0723, 26.2863



118.8320, -48.7242, 41.3663



112.8100, -38.8533, 1.9206



61.4410, -2.1894, 2.2442



86.4060, -42.5982, 36.4779



0.0000, 0.0000, 0.0000



# Inverse Universe

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



63.9730, 31.0723, -26.2863



67.1680, 48.7242, -41.3663



48.1900, 38.8533, -1.9206



59.5590, 2.1894, -2.2442



41.0070, 42.8875, -35.9631



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 97.0270, -31.0723, 26.2863 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 97.0270, -31.0723, 26.2863 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

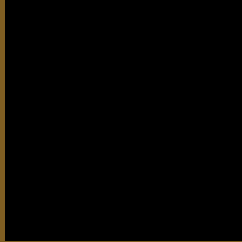
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.0270, -31.0723, 26.2863

## Background



This preview shows how black text looks on a background with the YUV color 97.0270, -31.0723, 26.2863.



This preview shows how white text looks on a background with the YUV color 97.0270, -31.0723,

26.2863.

# 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

97.0270, -31.0723, 26.2863

### Protanopia

96.2920, -29.7240, 13.7759

### Deuteranopia

97.0160, -31.0669, 24.5420



## Tritanopia

101.6550, -3.2809, 25.7356

# Trichromacy



## Original Color

97.0270, -31.0723, 26.2863

## Protanomaly

96.4990, -30.3190, 17.9794

## Deuteranomaly

97.3150, -31.2143, 25.1567

## Tritanomaly

100.0220, -13.3218, 26.2907

# Monochromacy



## Original Color

97.0270, -31.0723, 26.2863

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

97.0800, -11.3784, 9.5768

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.0270, -31.0723, 26.2863 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(127, 94, 34)` looks like.

```
.text, #text, p{  
    color:rgb(127, 94, 34)  
}
```

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(127, 94, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 94, 34) }
```

## Border

The CSS property to change the border of an element to YUV 97.0270, -31.0723, 26.2863 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(127, 94, 34) }
```



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

```
.border{ border-color:rgb(127, 94, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 94, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 94, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 94, 34);  
box-shadow:4px 4px 4px 4px rgb(127, 94,  
34) }
```

# Background

The CSS property to change the background color of an element to YUV 97.0270, -31.0723, 26.2863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 94, 34) }
```

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

```
.background{ background-color: rgb(127, 94,  
34) }
```

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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