

# Converting Colors

YUV(97.5870, -30.3624,  
31.9342)

Have a look what the booklet for  
YUV(97.5870, -30.3624, 31.9342)  
contains.

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# Color

**YUV(97.5870, -30.3624,  
31.9342)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	865B24
RGB	134, 91, 36
RGB Percent	53%, 36%, 14%
CMY	0.4745, 0.6431, 0.8588
CMYK	0.00, 0.32, 0.73, 0.47
HSL	34°, 58%, 33%
HSV	34°, 73%, 53%
XYZ	13.8910, 12.6779, 3.3840
YIQ	97.5870, 43.2830, -7.9890

# Conversions

## Conversions Part 2

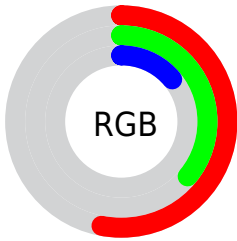
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 134, 36
Decimal	8805156
CIE <sub>Lab</sub>	42.27, 12.19, 37.59
CIE <sub>LCh</sub>	42, 39.518, 72.031
Yxy	12.6779, 0.4638, 0.4233
Android (android.graphics.Color)	4286995236 (0xFF865B24)
YUV	97.5870, -30.3624, 31.9342
Hunter-Lab	35.6060, 7.3280, 19.2893

# Details

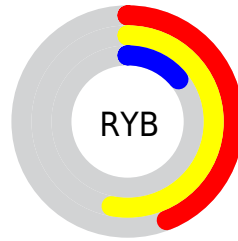
The YUV color **97.5870, -30.3624, 31.9342** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **72.4130, 30.3624, -31.9342**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1530, -32.1204, 35.8228**, and **50.6340, -24.9626, 26.6310** is the 20% darker color. If you saturate the color by 10%, you get **92.5830, -34.3044, 36.3227**, and if you desaturate by 10%, it is **102.5910, -26.4204, 27.5457**.

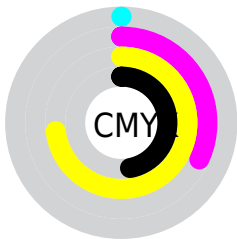
# Distribution



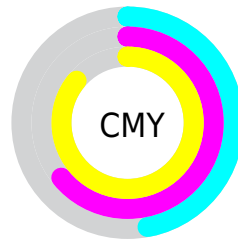
- Red (53%)
- Green (36%)
- Blue (14%)



- Red (44%)
- Yellow (53%)
- Blue (14%)



- Cyan (0%)
- Magenta (32%)
- Yellow (73%)
- Black (47%)



- Cyan (47%)
- Magenta (64%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.5870, -30.3624, 31.9342 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 97.5870, -30.3624, 31.9342 by changing the saturation by 10% instead.



■ 97.5870, -30.3624,  
31.9342

■ 97.5870, -30.3624,  
31.9342

255.0000, 0.0000,  
0.0000

■ 73.1630, -30.6464,  
29.6750

■ 149.1530,  
-32.1204, 35.8228

■ 50.6340, -24.9626,  
26.6310

■ 176.8220,  
-33.4362, 37.8671

■ 30.2340, -14.9054,  
20.8428

■ 204.3060,  
-34.1679, 39.1966

■ 9.2690, -4.5696,  
19.0581

■ 225.5000,  
-31.7985, 25.8715

■ 0.0000, 0.0000,  
0.0000

■ 245.1280,  
-27.6711, 8.6577

■ 250.6680,

-16.5983, 3.7992

253.8600, -4.3680,  
0.9998

97.5870, -30.3624,  
31.9342

97.5870, -30.3624,  
31.9342

92.5830, -34.3044,  
36.3227

102.5910,  
-26.4204, 27.5457

87.4650, -38.6832,  
40.8112

107.7090,  
-22.0415, 23.0572

84.0910, -41.4569,  
43.7702

112.7130,  
-18.0995, 18.6687

117.8310,  
-13.7207, 14.1802

122.2480, -9.4893,  
10.3065

■ 127.2520, -5.5472,  
5.9180

■ 132.3700, -1.1684,  
1.4295

■ 137.3740, 2.7736,  
-2.9590

■ 142.4920, 7.1524,  
-7.4475

# Harmonies

## Analogous

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



99.0310, -20.2283, 48.2078



97.5870, -30.3624, 31.9342



94.9170, -31.0181, 8.8428

# Triad

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



97.5870, -30.3624, 31.9342



80.8600, 15.3520, -70.9142



102.9350, 22.2170, 14.0890

# Complementary

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



97.5870, -30.3624, 31.9342



72.4130, 30.3624, -31.9342

# 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.



96.2440, 33.4037, -27.4010



97.5870, -30.3624, 31.9342



83.2200, 29.4715, -72.9839

# Square

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



97.5870, -30.3624, 31.9342



76.5110, 1.2271, -67.1001



82.3370, 38.7809, -72.2095



101.7830, 9.4740, 41.4093



# Rectangle

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



97.5870, -30.3624, 31.9342



92.5880, -25.4329, -9.2857



82.3370, 38.7809, -72.2095



101.5960, 26.3282, 2.1083

# Sweetspot

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



97.5870, -30.3624, 31.9342



159.2760, -11.9681, 12.0359



70.3180, 4.7732, 55.8491



78.5080, -7.1524, 7.4475



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.



97.5870, -30.3624, 31.9342



116.3430, -47.0041, 49.6882



121.3330, -42.0692, 6.7240



63.5550, -1.7526, 2.1443



81.7210, -40.2885, 42.3407



1.4840, -0.7316, 1.3295



# Inverse Universe

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



72.4130, 30.3624, -31.9342



77.6570, 47.0041, -49.6882



48.6670, 42.0692, -6.7240



62.4450, 1.7526, -2.1443



48.2790, 40.2885, -42.3407



0.9290, 1.0210, -0.8147



# Previews

## White Background



This preview shows how the YUV color 97.5870, -30.3624, 31.9342 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 97.5870, -30.3624, 31.9342 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

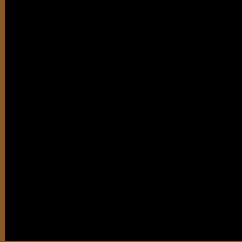
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.5870, -30.3624, 31.9342

## Background



This preview shows how black text looks on a background with the YUV color 97.5870, -30.3624, 31.9342.



This preview shows how white text looks on a background with the YUV color 97.5870, -30.3624,



# 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

97.5870, -30.3624, 31.9342

### Protanopia

96.6340, -28.4136, 13.4760

### Deuteranopia

97.1300, -30.6301, 24.4420



## Tritanopia

101.3460, -4.6076, 31.2686

# Trichromacy



## Original Color

97.5870, -30.3624, 31.9342

## Protanomaly

97.1510, -29.1614, 20.0386

## Deuteranomaly

97.4400, -30.7829, 26.8011

## Tritanomaly

99.9410, -13.7749, 31.6237

# Monochromacy



## Original Color

97.5870, -30.3624, 31.9342

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

97.5040, -11.0945, 11.8360

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.5870, -30.3624, 31.9342 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(134, 91, 36)` looks like.

```
.text, #text, p{  
    color:rgb(134, 91, 36)  
}
```

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(134, 91, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 91, 36) }
```

## Border

The CSS property to change the border of an element to YUV 97.5870, -30.3624, 31.9342 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(134, 91, 36) }
```



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

```
.border{ border-color:rgb(134, 91, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 91, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 91, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 91, 36);  
box-shadow:4px 4px 4px 4px rgb(134, 91,  
36) }
```

# Background

The CSS property to change the background color of an element to YUV 97.5870, -30.3624, 31.9342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 91, 36) }
```

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

```
.background{ background-color: rgb(134, 91,  
36) }
```

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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