

# Converting Colors

YUV(96.2090, -0.1030, 33.1427)

Have a look what the booklet for  
YUV(96.2090, -0.1030, 33.1427)  
contains.

<b>YUV(96.2090, -0.1030, 33.1427)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(96.2090, -0.1030,  
33.1427)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	864D60
RGB	134, 77, 96
RGB Percent	53%, 30%, 38%
CMY	0.4745, 0.6980, 0.6235
CMYK	0.00, 0.43, 0.28, 0.47
HSL	340°, 27%, 41%
HSV	340°, 43%, 53%
XYZ	14.5967, 11.2206, 12.4628
YIQ	96.2090, 27.8730, 17.9930

# Conversions

## Conversions Part 2

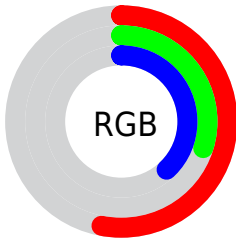
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 77, 96
Decimal	8801632
CIE <sub>Lab</sub>	39.95, 26.60, -0.64
CIE <sub>LCh</sub>	40, 26.604, 358.618
Yxy	11.2206, 0.3813, 0.2931
Android (android.graphics.Color)	4286991712 (0xFF864D60)
YUV	96.2090, -0.1030, 33.1427
Hunter-Lab	33.4972, 19.1630, 1.3889

# Details

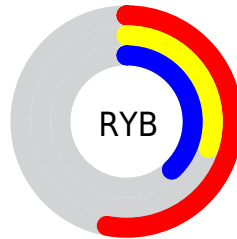
The YUV color **96.2090, -0.1030, 33.1427** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **114.7910, 0.1030, -33.1427**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7040, -0.8401, 36.2166**, and **47.8280, 1.0708, 29.9688** is the 20% darker color. If you saturate the color by 10%, you get **87.5520, -0.2721, 40.7349**, and if you desaturate by 10%, it is **104.8660, 0.0661, 25.5505**.

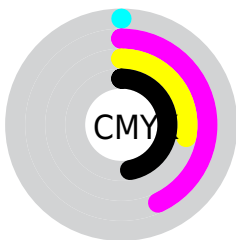
# Distribution



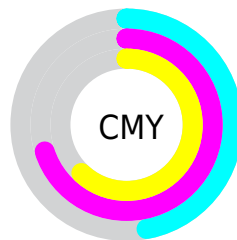
- Red (53%)
- Green (30%)
- Blue (38%)



- Red (53%)
- Yellow (30%)
- Blue (38%)



- Cyan (0%)
- Magenta (43%)
- Yellow (28%)
- Black (47%)




- Cyan (47%)
- Magenta (70%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 96.2090, -0.1030, 33.1427 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 96.2090, -0.1030, 33.1427 by changing the saturation by 10% instead.




 96.2090, -0.1030,  
33.1427


 96.2090, -0.1030,  
33.1427


255.0000, 0.0000,  
0.0000


 71.6110, 0.1918,  
31.9132

 147.7040, -0.8401,  
36.2166


 47.8280, 1.0708,  
29.9688

 174.4160, -0.6981,  
37.3462


 24.7570, 2.0918,  
29.1541

 202.0140, -0.9929,  
38.5757

 12.0030, -4.4385,  
23.6764

 224.3330, 1.8078,  
26.8950

 0.0000, 0.0000,  
0.0000

 244.4340, 5.2090,  
9.2664

■ 96.2090, -0.1030,  
33.1427

■ 96.2090, -0.1030,  
33.1427

■ 87.5520, -0.2721,  
40.7349

■ 104.8660, 0.0661,  
25.5505

■ 78.3080, -0.1518,  
48.8419

■ 114.1100, -0.0542,  
17.4435

■ 69.6510, -0.3209,  
56.4341

■ 122.7670, 0.1149,  
9.8513

■ 60.4070, -0.2007,  
64.5411

■ 132.0110, -0.0054,  
1.7444

■ 51.7500, -0.3697,  
72.1333

■ 140.6680, 0.1637,  
-5.8478

■ 45.1960, -0.0966,  
77.8811

■ 149.3250, 0.3328,  
-13.4400

■ 158.5690, 0.2125,  
-21.5470

■ 167.1120, -0.0552,

-29.0392

■ 176.3560, -0.1755,  
-37.1462

# Harmonies

## Analogous

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



96.7650, 9.9759, 20.3771



96.2090, -0.1030, 33.1427



95.1740, -10.4388, 34.9274

# Triad

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



96.2090, -0.1030, 33.1427



90.3960, -17.4502, -2.9783



76.9010, 26.6708, -61.3032

# Complementary

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



96.2090, -0.1030, 33.1427



114.7910, 0.1030, -33.1427

# 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.



74.6310, 19.4089, -65.4514



96.2090, -0.1030, 33.1427



86.7940, -7.7864, -22.6213

# Square

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



96.2090, -0.1030, 33.1427



92.8820, -21.1408, 14.1355



80.1960, 5.8194, -46.6529



90.1980, 23.0734, -27.3606



# Rectangle

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



96.2090, -0.1030, 33.1427



94.0720, -15.8115, 31.5089



80.1960, 5.8194, -46.6529



75.4120, 24.9399, -66.1363

# Sweetspot

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



96.2090, -0.1030, 33.1427



158.3760, -0.1854, 12.8252



94.8600, 19.2960, 17.6628



77.6420, -0.3165, 8.2070



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.



96.2090, -0.1030, 33.1427



114.6180, -0.3047, 51.2010



99.3260, -11.0067, 30.4091



62.0220, -0.0108, 3.4887



43.7720, -0.3806, 75.6220



1.0110, -0.0054, 1.7444



# Inverse Universe

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



96.2090, -0.1030, 33.1427



114.6180, -0.3047, 51.2010



111.0870, 11.2961, -29.8943



62.0220, -0.0108, 3.4887



43.7720, -0.3806, 75.6220

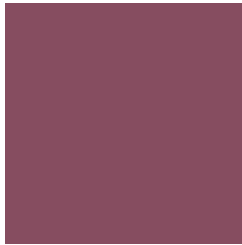


1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 96.2090, -0.1030, 33.1427 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 96.2090, -0.1030, 33.1427 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

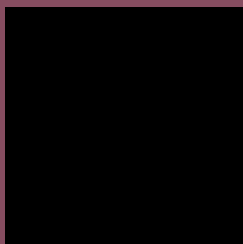
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 96.2090, -0.1030, 33.1427**

## **Background**



This preview shows how black text looks on a background with the YUV color 96.2090, -0.1030, 33.1427.



This preview shows how white text looks on a background with the YUV color 96.2090, -0.1030,



# 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

96.2090, -0.1030, 33.1427

### Protanopia

95.0690, 5.3890, -1.8145

### Deuteranopia

95.7020, -1.3321, 7.2773



## Tritanopia

95.8300, -5.3392, 32.5981

# Trichromacy



## Original Color

96.2090, -0.1030, 33.1427

## Protanomaly

95.5760, 3.1670, 10.8958

## Deuteranomaly

96.1700, -1.0698, 16.5139

## Tritanomaly

95.6990, -3.3026, 32.7130

# Monochromacy



## Original Color

96.2090, -0.1030, 33.1427

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.0770, -0.0380, 12.2105

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.2090, -0.1030, 33.1427 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, 77, 96)` looks like.

```
.text, #text, p{  
    color:rgb(134, 77, 96)  
}
```

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, 77, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 77, 96) }
```

## Border

The CSS property to change the border of an element to YUV 96.2090, -0.1030, 33.1427 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, 77, 96) }
```



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

```
.border{ border-color:rgb(134, 77, 96) }
```

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

Here you see how a box with a 4 pixel rgb(134, 77, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 77, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 77, 96);  
box-shadow:4px 4px 4px 4px rgb(134, 77,  
96) }
```

# Background

The CSS property to change the background color of an element to YUV 96.2090, -0.1030, 33.1427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 77, 96) }
```

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

```
.background{ background-color: rgb(134, 77,  
96) }
```

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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