

# Converting Colors

YUV(130.3090, -8.5333,  
30.4240)

Have a look what the booklet for  
YUV(130.3090, -8.5333, 30.4240)  
contains.

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# Color

**YUV(130.3090, -8.5333,  
30.4240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A57471
RGB	165, 116, 113
RGB Percent	65%, 45%, 44%
CMY	0.3529, 0.5451, 0.5569
CMYK	0.00, 0.30, 0.32, 0.35
HSL	3°, 22%, 55%
HSV	3°, 32%, 65%
XYZ	24.7431, 21.6824, 18.5038
YIQ	130.3090, 30.1670, 9.4550

# Conversions

## Conversions Part 2

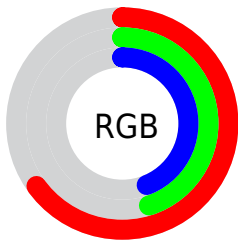
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 116, 113
Decimal	10843249
CIE <sub>Lab</sub>	53.69, 18.88, 9.37
CIE <sub>LCh</sub>	54, 21.075, 26.403
Yxy	21.6824, 0.3811, 0.3339
Android (android.graphics.Color)	4289033329 (0xFFA57471)
YUV	130.3090, -8.5333, 30.4240
Hunter-Lab	46.5643, 13.3627, 9.0343

# Details

The YUV color **130.3090, -8.5333, 30.4240** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.6910, 8.5333, -30.4240**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5050, -9.1230, 32.8831**, and **80.2270, -7.5069, 27.8649** is the 20% darker color. If you saturate the color by 10%, you get **118.9790, -11.3286, 40.3604**, and if you desaturate by 10%, it is **141.5250, -6.1748, 20.5876**.

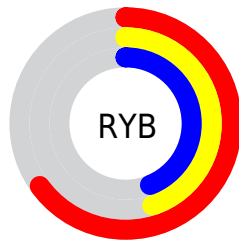
# Distribution



Red (65%)

Green (45%)

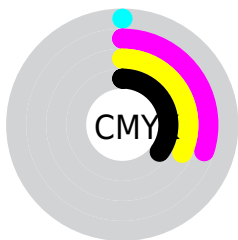
Blue (44%)



Red (65%)

Yellow (45%)

Blue (44%)

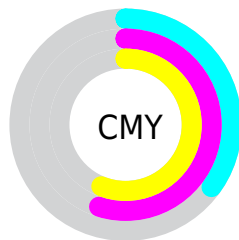


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (35%)



Cyan (35%)

Magenta (55%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 130.3090, -8.5333, 30.4240 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 130.3090, -8.5333, 30.4240 by changing the saturation by 10% instead.




 130.3090, -8.5333,  
30.4240

 130.3090, -8.5333,  
30.4240


255.0000, 0.0000,  
0.0000


 104.8250, -7.8017,  
29.0945


 183.5050, -9.1230,  
32.8831

 80.2270, -7.5069,  
27.8649


 211.6900, -9.7072,  
33.5979

 57.0310, -6.9173,  
25.4058

 232.8130, -6.3168,  
19.4580

 34.3620, -5.6015,  
23.3615

 252.4410, -2.1894,  
2.2442

 11.9600, -5.8963,  
24.5911

 0.0000, 0.0000,  
0.0000

130.3090, -8.5333,  
30.4240

130.3090, -8.5333,  
30.4240

118.9790,  
-11.3286, 40.3604

141.5250, -6.1748,  
20.5876

108.3500,  
-13.9765, 49.6821

152.2680, -3.0901,  
11.1660

97.0200, -16.7719,  
59.6185

163.4840, -0.7316,  
1.3295

86.3910, -19.4198,  
68.9401

174.2270, 2.3531,  
-8.0921

75.0610, -22.2151,  
78.8765

185.4430, 4.7116,  
-17.9285

64.4320, -24.8630,  
88.1981


196.1860, 7.7963,  
-27.3501

55.2050, -27.2161,  
96.2902

207.4020, 10.1548,  
-37.1866

218.1450, 13.2395,

-46.6082

 228.0900, 13.2666,  
-55.3299

# Harmonies

## Analogous

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



130.8770, 0.0606, 27.2949



130.3090, -8.5333, 30.4240



128.9680, -14.7742, 25.4611

# Triad

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



130.3090, -8.5333, 30.4240



123.2400, -7.5133, -16.8735



126.3900, 18.5417, -20.5130

# Complementary

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



130.3090, -8.5333, 30.4240



147.6910, 8.5333, -30.4240

# 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.



121.4760, 18.0063, -35.4975



130.3090, -8.5333, 30.4240



120.6710, 2.1342, -31.2835

# Square

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



130.3090, -8.5333, 30.4240



125.6890, -15.1297, -0.6043



119.5480, 12.0548, -39.9456



129.4140, 15.5719, -1.2401



# Rectangle

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



130.3090, -8.5333, 30.4240



127.9410, -17.2259, 18.4687



119.5480, 12.0548, -39.9456



124.4710, 18.9948, -25.8461

# Sweetspot

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



130.3090, -8.5333, 30.4240



201.2680, -3.0901, 11.1660



134.1340, 13.7379, 27.0695



99.1750, -2.0583, 6.8625



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



130.3090, -8.5333, 30.4240



159.5670, -13.0975, 47.7377



145.5710, -16.0575, 17.0392



76.2780, -1.6161, 5.0182



48.0510, -23.6891, 85.0243



5.9690, -2.9427, 10.5512



# Inverse Universe

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



147.6910, 8.5333, -30.4240



187.4330, 13.0975, -47.7377



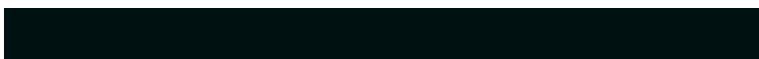
132.4290, 16.0575, -17.0392



78.7220, 1.6161, -5.0182



96.9490, 23.6891, -85.0243



12.0310, 2.9427, -10.5512



# Previews

## White Background



This preview shows how the YUV color 130.3090, -8.5333, 30.4240 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

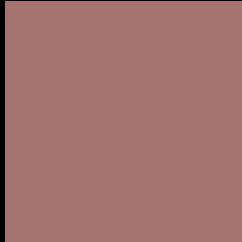
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 130.3090, -8.5333, 30.4240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

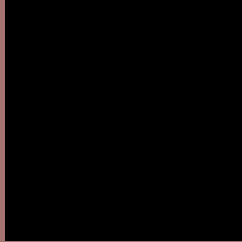
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 130.3090, -8.5333, 30.4240

## Background



This preview shows how black text looks on a background with the YUV color 130.3090, -8.5333, 30.4240.



This preview shows how white text looks on a background with the YUV color 130.3090, -8.5333,



# 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

130.3090, -8.5333, 30.4240

### Protanopia

128.4690, -4.6682, 3.9737

### Deuteranopia

129.5090, -8.6319, 15.3396



## Tritanopia

130.5740, -3.7340, 31.0686

# Trichromacy



## Original Color

130.3090, -8.5333, 30.4240

## Protanomaly

129.4810, -6.1531, 13.6102

## Deuteranomaly

129.8410, -8.7956, 21.1874

## Tritanomaly

130.7050, -5.7706, 30.9537

# Monochromacy



## Original Color

130.3090, -8.5333, 30.4240

## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

130.2680, -3.0901, 11.1660

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.3090, -8.5333, 30.4240 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(165, 116, 113)` looks like.

```
.text, #text, p{  
    color:rgb(165, 116, 113)  
}
```

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(165, 116, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 116, 113) }
```

## Border

The CSS property to change the border of an element to YUV 130.3090, -8.5333, 30.4240 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(165, 116, 113) }
```



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

```
.border{ border-color:rgb(165, 116, 113) }
```

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

Here you see how a box with a 4 pixel rgb(165, 116, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 116, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 116, 113);  
box-shadow:4px 4px 4px 4px rgb(165, 116,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 130.3090, -8.5333, 30.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 116, 113) }
```

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

```
.background{ background-color: rgb(165,  
116, 113) }
```

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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