

# Converting Colors

YUV(140.3090, -8.5333,  
30.4240)

Have a look what the booklet for  
YUV(140.3090, -8.5333, 30.4240)  
contains.

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# Color

**YUV(140.3090, -8.5333,  
30.4240)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AF7E7B
RGB	175, 126, 123
RGB Percent	69%, 49%, 48%
CMY	0.3137, 0.5059, 0.5176
CMYK	0.00, 0.28, 0.30, 0.31
HSL	3°, 25%, 58%
HSV	3°, 30%, 69%
XYZ	28.7152, 25.4657, 22.1408
YIQ	140.3090, 30.1670, 9.4550

# Conversions

## Conversions Part 2

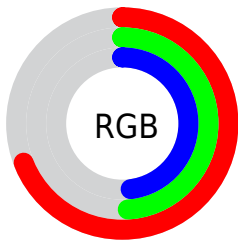
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 126, 123
Decimal	11501179
CIE <sub>Lab</sub>	57.53, 18.58, 9.16
CIE <sub>LCh</sub>	58, 20.713, 26.248
Yxy	25.4657, 0.3762, 0.3337
Android (android.graphics.Color)	4289691259 (0xFFAF7E7B)
YUV	140.3090, -8.5333, 30.4240
Hunter-Lab	50.4636, 13.2603, 9.3111

# Details

The YUV color **140.3090, -8.5333, 30.4240** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **157.6910, 8.5333, -30.4240**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3910, -9.5598, 32.9831**, and **89.8140, -7.7963, 27.3501** is the 20% darker color. If you saturate the color by 10%, you get **128.9790, -11.3286, 40.3604**, and if you desaturate by 10%, it is **151.6390, -5.7380, 20.4876**.

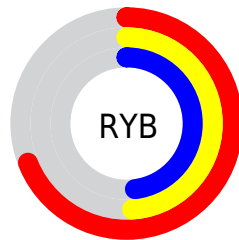
# Distribution



Red (69%)

Green (49%)

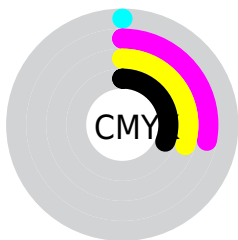
Blue (48%)



Red (69%)

Yellow (49%)

Blue (48%)

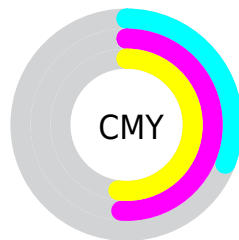


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 140.3090, -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 140.3090, -8.5333, 30.4240 by changing the saturation by 10% instead.




 140.3090, -8.5333,  
30.4240

 140.3090, -8.5333,  
30.4240


255.0000, 0.0000,  
0.0000

 114.7110, -8.2385,  
29.1945


 194.3910, -9.5598,  
32.9831


 89.8140, -7.7963,  
27.3501


 220.8960, -8.8227,  
29.9092

 65.4440, -6.6279,  
25.9206

 240.5240, -4.6953,  
12.6955

 42.6610, -5.7489,  
23.9763

 20.6070, -7.2013,  
23.1467

 5.3820, -2.6533,  
11.0660

 0.0000, 0.0000,

0.0000

140.3090, -8.5333,  
30.4240

140.3090, -8.5333,  
30.4240

128.9790,  
-11.3286, 40.3604

151.6390, -5.7380,  
20.4876

116.9480,  
-14.2714, 50.9116

163.6700, -2.7953,  
9.9364

105.5040,  
-17.5035, 60.9480

175.1140, 0.4368,  
-0.1000

93.5870, -20.0094,  
71.3992

187.0310, 2.9427,  
-10.5512

82.1430, -23.2415,  
81.4356

198.4750, 6.1748,  
-20.5876

70.2260, -25.7474,  
91.8868

210.3920, 8.6807,  
-31.0388

■ 58.7820, -28.9795,  
101.9232

■ 221.8360, 11.9129,  
-41.0752

■ 58.1950, -28.6901,  
102.4380

■ 231.0800, 11.7926,  
-49.1822

# Harmonies

## Analogous

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



140.8770, 0.0606, 27.2949



140.3090, -8.5333, 30.4240



138.9680, -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.



140.3090, -8.5333, 30.4240



133.2400, -7.5133, -16.8735



135.8030, 18.8311, -19.9982

# Complementary

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



140.3090, -8.5333, 30.4240



157.6910, 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.



131.7750, 17.8589, -34.8827



140.3090, -8.5333, 30.4240



130.6710, 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.



140.3090, -8.5333, 30.4240



135.6890, -15.1297, -0.6043



130.0320, 11.3232, -38.6161



139.3000, 15.1351, -1.1401



# Rectangle

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



140.3090, -8.5333, 30.4240



137.9410, -17.2259, 18.4687



130.0320, 11.3232, -38.6161



134.4710, 18.9948, -25.8461

# Sweetspot

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



140.3090, -8.5333, 30.4240



213.5670, -3.2375, 11.7807



144.1340, 13.7379, 27.0695



106.4740, -2.2057, 7.4773



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



140.3090, -8.5333, 30.4240



172.4530, -13.5343, 47.8377



155.5710, -16.0575, 17.0392



81.2780, -1.6161, 5.0182



50.1330, -24.7156, 87.5834



7.4640, -3.6798, 13.6251



# Inverse Universe

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



157.6910, 8.5333, -30.4240



199.5470, 13.5343, -47.8377



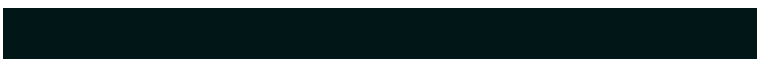
142.4290, 16.0575, -17.0392



83.7220, 1.6161, -5.0182



100.4540, 24.4262, -88.0982



15.5360, 3.6798, -13.6251



# Previews

## White Background



This preview shows how the YUV color 140.3090, -8.5333, 30.4240 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

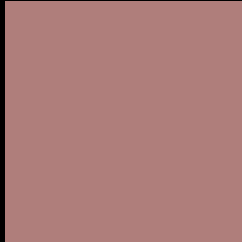
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 140.3090, -8.5333, 30.4240 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

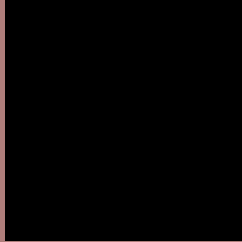
Any Text WCAG AA ✓ Pass

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 140.3090, -8.5333, 30.4240 Background



This preview shows how black text looks on a background with the YUV color 140.3090, -8.5333, 30.4240.



This preview shows how white text looks on a background with the YUV color 140.3090, -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

140.3090, -8.5333, 30.4240

### Protanopia

138.4690, -4.6682, 3.9737

### Deuteranopia

139.2210, -8.4900, 16.4692



## Tritanopia

140.6880, -3.2972, 30.9686

# Trichromacy



## Original Color

140.3090, -8.5333, 30.4240

## Protanomaly

139.4810, -6.1531, 13.6102

## Deuteranomaly

139.2540, -8.5062, 21.7022

## Tritanomaly

140.8190, -5.3338, 30.8537

# Monochromacy



## Original Color

140.3090, -8.5333, 30.4240

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

140.2680, -3.0901, 11.1660

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.3090, -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(175, 126, 123)` looks like.

```
.text, #text, p{  
    color:rgb(175, 126, 123)  
}
```

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(175, 126, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 126, 123) }
```

## Border

The CSS property to change the border of an element to YUV 140.3090, -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(175, 126, 123) }
```



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

```
.border{ border-color:rgb(175, 126, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 126, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 126, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 126, 123);  
box-shadow:4px 4px 4px 4px rgb(175, 126,  
123) }
```

# Background

The CSS property to change the background color of an element to YUV 140.3090, -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(175, 126, 123) }
```

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

```
.background{ background-color: rgb(175,  
126, 123) }
```

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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