

# Converting Colors

YUV(174.0990, -0.0488,  
15.6992)

Have a look what the booklet for  
YUV(174.0990, -0.0488, 15.6992)  
contains.

<b>YUV(174.0990, -0.0488, 15.6992)</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(174.0990, -0.0488,  
15.6992)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0A5AE
RGB	192, 165, 174
RGB Percent	75%, 65%, 68%
CMY	0.2471, 0.3529, 0.3176
CMYK	0.00, 0.14, 0.09, 0.25
HSL	340°, 18%, 70%
HSV	340°, 14%, 75%
XYZ	42.8333, 41.1727, 45.7340
YIQ	174.0990, 13.2030, 8.5230

# Conversions

## Conversions Part 2

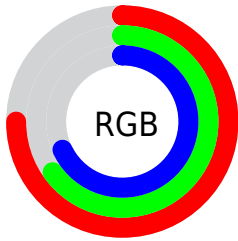
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 165, 174
Decimal	12625326
CIE Lab	70.30, 11.37, -0.99
CIE LCh	70, 11.415, 355.008
Yxy	41.1727, 0.3301, 0.3173
Android (android.graphics.Color)	4290815406 (0xFFC0A5AE)
YUV	174.0990, -0.0488, 15.6992
Hunter-Lab	64.1660, 6.8654, 2.6575

# Details

The YUV color  $174.0990, -0.0488, 15.6992$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $182.9010, 0.0488, -15.6992$ , and the grayscale version is  $174.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $229.6970, -0.3436, 16.9287$ , and  $121.5010, 0.2460, 14.4696$  is the 20% darker color. If you saturate the color by 10%, you get  $161.4640, -0.2288, 26.7801$ , and if you desaturate by 10%, it is  $186.7340, 0.1311, 4.6183$ .

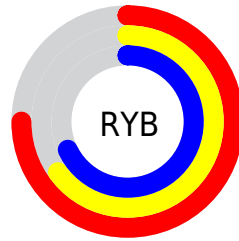
# Distribution



Red (75%)

Green (65%)

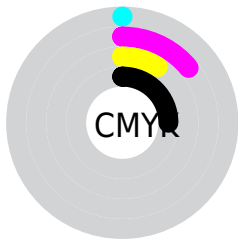
Blue (68%)



Red (75%)

Yellow (65%)

Blue (68%)

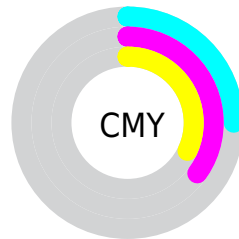


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (25%)



Cyan (25%)

Magenta (35%)


Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 174.0990, -0.0488, 15.6992 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 174.0990, -0.0488, 15.6992 by changing the saturation by 10% instead.




 174.0990, -0.0488,  
15.6992

 174.0990, -0.0488,  
15.6992


255.0000, 0.0000,  
0.0000

 147.6860, -0.3382,  
15.1844


 229.6970, -0.3436,  
16.9287

 121.5010, 0.2460,  
14.4696

 251.4780, 1.7363,  
3.0888

 97.0880, -0.0434,  
13.9548

 72.7890, 0.1040,  
13.3400

 50.1910, 0.3988,  
12.1105

 28.8920, 0.5462,  
11.4957

 7.6320, -1.7906,

14.3547

■ 0.0000, 0.0000,  
0.0000

■ 174.0990, -0.0488,  
15.6992

■ 174.0990, -0.0488,  
15.6992

■ 161.4640, -0.2288,  
26.7801

■ 186.7340, 0.1311,  
4.6183

■ 148.8290, -0.4087,  
37.8610

■ 199.3690, 0.3111,  
-6.4626

■ 135.7210, 0.1375,  
49.3567

■ 212.4770, -0.2352,  
-17.9583

■ 123.0860, -0.0424,  
60.4376

■ 225.1120, -0.0552,  
-29.0392

■ 110.4510, -0.2223,  
71.5185

■ 234.2250, 1.8611,  
-37.0313

■ 97.8160, -0.4023,  
82.5994

■ 235.7070, 7.5394,  
-38.3310

■ 85.1810, -0.5822,  
93.6803

■ 236.1630, 9.2866,  
-38.7310

■ 72.0730, -0.0360,  
105.1760

■ 64.7040, -0.3471,  
111.6386

# Harmonies

## Analogous

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



174.0210, 4.9196, 8.7516



174.0990, -0.0488, 15.6992



173.5570, -4.7116, 17.9285

# Triad

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



174.0990, -0.0488, 15.6992



170.7090, -8.7305, 0.2552



169.2950, 9.2216, -17.7987

# Complementary

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



174.0990, -0.0488, 15.6992



182.9010, 0.0488, -15.6992

# 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.



168.6600, 5.5906, -19.8728



174.0990, -0.0488, 15.6992



169.6800, -4.7722, -9.3664

# Square

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



174.0990, -0.0488, 15.6992



172.0090, -10.3574, 8.7621



168.7160, 0.6330, -16.4139



170.9800, 10.3629, -10.5065



# Rectangle

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



174.0990, -0.0488, 15.6992



173.1610, -7.4744, 17.3988



168.7160, 0.6330, -16.4139



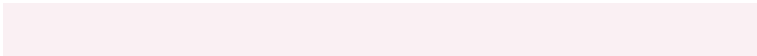
169.0560, 8.3534, -19.3431

# Sweetspot

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



174.0990, -0.0488, 15.6992



243.3320, -0.1637, 5.8478



173.4600, 9.1402, 8.3666



121.0220, -0.0108, 3.4887



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



174.0990, -0.0488, 15.6992



221.5670, 0.2135, 24.9357



176.0080, -5.4269, 14.0250



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879



# Inverse Universe

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



174.0990, -0.0488, 15.6992



221.5670, 0.2135, 24.9357



180.9920, 5.4269, -14.0250



90.3320, -0.1637, 5.8478



54.2950, -0.1454, 93.5803

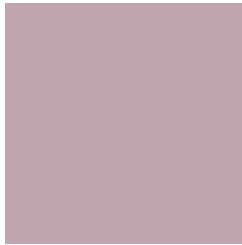


11.1210, -0.0597, 19.1879



# Previews

## White Background



This preview shows how the YUV color 174.0990, -0.0488, 15.6992 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

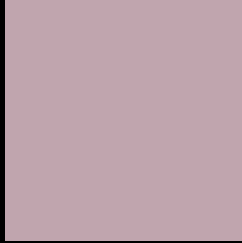
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 174.0990, -0.0488, 15.6992 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

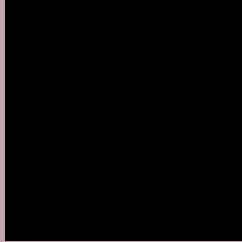
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 174.0990, -0.0488, 15.6992

## Background



This preview shows how black text looks on a background with the YUV color 174.0990, -0.0488, 15.6992.



This preview shows how white text looks on a background with the YUV color 174.0990, -0.0488, 15.6992.



# 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

174.0990, -0.0488, 15.6992

### Protanopia

172.3960, 2.7628, 0.5297

### Deuteranopia

174.0770, -0.0380, 12.2105



## Tritanopia

173.8540, 1.5510, 15.9140

# Trichromacy



## Original Color

174.0990, -0.0488, 15.6992

## Protanomaly

173.2010, 1.8729, 5.9627

## Deuteranomaly

173.7890, 0.1040, 13.3400

## Tritanomaly

173.7400, 1.1142, 16.0140

# Monochromacy



## Original Color

174.0990, -0.0488, 15.6992

## Achromatopsia

174.0000, 0.0000, 0.0000

## Achromatomaly

174.3320, -0.1637, 5.8478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 174.0990, -0.0488, 15.6992 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(192, 165, 174)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 174)  
}
```

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(192, 165, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 174) }
```

## Border

The CSS property to change the border of an element to YUV 174.0990, -0.0488, 15.6992 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(192, 165, 174) }
```



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

```
.border{ border-color:rgb(192, 165, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 165, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 165, 174); box-shadow:4px 4px 4px 4px rgb(192, 165, 174) }
```

# Background

The CSS property to change the background color of an element to YUV 174.0990, -0.0488, 15.6992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 174) }
```

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

```
.background{ background-color: rgb(192,  
165, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor