

# Converting Colors

YUV(177.0370, -12.8362,  
10.4916)

Have a look what the booklet for  
YUV(177.0370, -12.8362, 10.4916)  
contains.

<b>YUV(177.0370, -12.8362, 10.4916)</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(177.0370, -12.8362,  
10.4916)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BDB097
RGB	189, 176, 151
RGB Percent	74%, 69%, 59%
CMY	0.2588, 0.3098, 0.4078
CMYK	0.00, 0.07, 0.20, 0.26
HSL	39°, 22%, 67%
HSV	39°, 20%, 74%
XYZ	42.0975, 44.1039, 35.5723
YIQ	177.0370, 15.7730, -5.0190

# Conversions

## Conversions Part 2

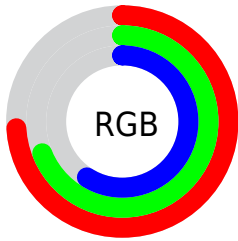
<b>Format</b>	<b>Color</b>
<b>RYB</b>	171, 189, 151
Decimal	12431511
CIELab	72.30, 0.54, 14.49
CIELCh	72, 14.501, 87.873
Yxy	44.1039, 0.3457, 0.3622
Android (android.graphics.Color)	4290621591 (0xFFBDB097)
YUV	177.0370, -12.8362, 10.4916
Hunter-Lab	66.4107, -3.0683, 14.7294

# Details

The YUV color  $177.0370, -12.8362, 10.4916$  is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be  $162.9630, 12.8362, -10.4916$ , and the grayscale version is  $177.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $233.1080, -13.8572, 11.3063$ , and  $124.5530, -12.1046, 9.1620$  is the 20% darker color. If you saturate the color by 10%, you get  $171.3490, -19.3991, 15.4799$ , and if you desaturate by 10%, it is  $182.7250, -6.2734, 5.5032$ .

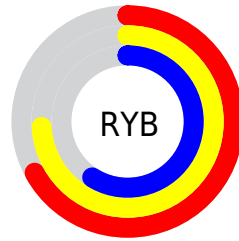
# Distribution



Red (74%)

Green (69%)

Blue (59%)



Red (67%)

Yellow (74%)

Blue (59%)

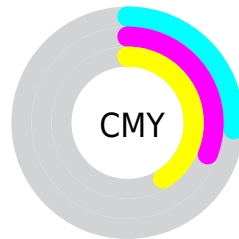


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.0370, -12.8362, 10.4916 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 177.0370, -12.8362, 10.4916 by changing the saturation by 10% instead.



■ 177.0370,  
-12.8362, 10.4916

■ 177.0370,  
-12.8362, 10.4916

255.0000, 0.0000,  
0.0000

■ 150.1510,  
-12.3994, 10.3916

■ 233.1080,  
-13.8572, 11.3063

■ 124.5530,  
-12.1046, 9.1620

■ 252.4920, -9.6096,  
2.1995

■ 99.6670, -11.6678,  
9.0620

■ 75.4820, -11.0836,  
8.3473

■ 52.4110, -10.0626,  
7.5326

■ 30.8840, -10.7888,  
7.1177

■ 8.8820, -4.3788,

4.4885

0.0000, 0.0000,  
0.0000

177.0370,  
-12.8362, 10.4916

177.0370,  
-12.8362, 10.4916

171.3490,  
-19.3991, 15.4799

182.7250, -6.2734,  
5.5032

165.0740,  
-25.6725, 20.9831

189.0000, 0.0000,  
0.0000

159.3860,  
-32.2353, 25.9715

194.6880, 6.5628,  
-4.9884

153.1110,  
-38.5087, 31.4747

200.9630, 12.8362,  
-10.4916

147.5370,  
-44.6347, 36.3631

206.6510, 19.3991,  
-15.4799

■ 141.2620,  
-50.9082, 41.8662

■ 211.7860, 21.3045,  
-19.9833

■ 135.5740,  
-57.4710, 46.8546

■ 215.3080, 19.5682,  
-23.0721

■ 129.2990,  
-63.7444, 52.3578

■ 219.4170, 17.5424,  
-26.6757

■ 222.9390, 15.8061,  
-29.7645

# Harmonies

## Analogous

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



178.4340, -11.5530, 18.9134



177.0370, -12.8362, 10.4916



175.2420, -10.4723, -1.0892

# Triad

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



177.0370, -12.8362, 10.4916



172.8980, 7.9383, -26.2205



179.6840, 6.0718, 12.5551

# Complementary

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



177.0370, -12.8362, 10.4916



162.9630, 12.8362, -10.4916

# 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.



178.5730, 11.0565, 0.3745



177.0370, -12.8362, 10.4916



173.7720, 12.4374, -22.6020

# Square

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



177.0370, -12.8362, 10.4916



172.9110, 1.5229, -21.8469



176.6530, 12.9891, -12.8507



179.7190, -0.3545, 20.4174



# Rectangle

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



177.0370, -12.8362, 10.4916



174.5830, -7.6824, -9.2813



176.6530, 12.9891, -12.8507



179.1180, 7.8298, 8.6665

# Sweetspot

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



177.0370, -12.8362, 10.4916



240.3550, -5.1050, 4.0737



163.8440, 0.0769, 22.0618



119.3270, -2.6262, 2.3442



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



177.0370, -12.8362, 10.4916



226.5340, -19.9833, 16.1947



182.8740, -15.7139, 0.1105



91.2130, -3.0630, 2.4442



108.2900, -53.3870, 43.5957



21.0090, -10.3574, 8.7621



# Inverse Universe

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



162.9630, 12.8362, -10.4916



204.4660, 19.9833, -16.1947



157.1260, 15.7139, -0.1105



87.7870, 3.0630, -2.4442



49.7100, 53.3870, -43.5957

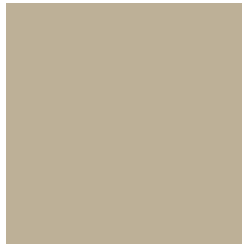


9.4040, 10.6468, -8.2473



# Previews

## White Background



This preview shows how the YUV color 177.0370, -12.8362, 10.4916 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 177.0370, -12.8362, 10.4916 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

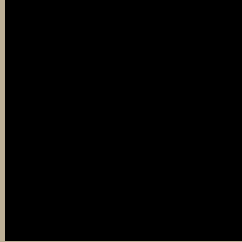
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 177.0370, -12.8362, 10.4916

## Background



This preview shows how black text looks on a background with the YUV color 177.0370, -12.8362, 10.4916.



This preview shows how white text looks on a background with the YUV color 177.0370, -12.8362, 10.4916.



# 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

177.0370, -12.8362, 10.4916

### Protanopia

176.7270, -12.6834, 8.1324

### Deuteranopia

178.4020, -13.0162, 21.5724



## Tritanopia

179.1740, 2.8722, 12.1254

# Trichromacy



## Original Color

177.0370, -12.8362, 10.4916

## Protanomaly

177.0260, -12.8308, 8.7472

## Deuteranomaly

178.0810, -12.8579, 17.4690

## Tritanomaly

178.6810, -2.8007, 11.6808

# Monochromacy



## Original Color

177.0370, -12.8362, 10.4916

## Achromatopsia

177.0000, 0.0000, 0.0000

## Achromatomaly

177.1700, -4.5208, 3.3589

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.0370, -12.8362, 10.4916 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(189, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 176, 151)  
}
```

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(189, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 176, 151) }
```

## Border

The CSS property to change the border of an element to YUV 177.0370, -12.8362, 10.4916 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(189, 176, 151) }
```



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

```
.border{ border-color:rgb(189, 176, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 176, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 176,  
151) }
```

# Background

The CSS property to change the background color of an element to YUV 177.0370, -12.8362, 10.4916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 176, 151) }
```

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

```
.background{ background-color: rgb(189,  
176, 151) }
```

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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