

# Converting Colors

YUV(181.2990, -0.1474, 0.6148)

Have a look what the booklet for  
YUV(181.2990, -0.1474, 0.6148)  
contains.

<b>YUV(181.2990, -0.1474, 0.6148)</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> .....	22
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**YUV(181.2990, -0.1474,  
0.6148)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B6B5B5
RGB	182, 181, 181
RGB Percent	71%, 71%, 71%
CMY	0.2863, 0.2902, 0.2902
CMYK	0.00, 0.01, 0.01, 0.29
HSL	0°, 1%, 71%
HSV	0°, 1%, 71%
XYZ	44.1558, 46.3290, 50.3312
YIQ	181.2990, 0.5960, 0.2120

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 181, 181
Decimal	11974069
CIELab	73.76, 0.36, 0.12
CIELCh	74, 0.374, 18.065
Yxy	46.3290, 0.3136, 0.3290
Android (android.graphics.Color)	4290164149 (0xFFB6B5B5)
YUV	181.2990, -0.1474, 0.6148
Hunter-Lab	68.0654, -3.3170, 3.8036

# Details

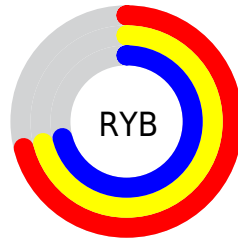
The YUV color **181.2990, -0.1474, 0.6148** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **181.7010, 0.1474, -0.6148**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.2990, -0.1474, 0.6148**, and **128.2990, -0.1474, 0.6148** is the 20% darker color. If you saturate the color by 10%, you get **168.6810, -2.8007, 11.6808**, and if you desaturate by 10%, it is **193.9170, 2.5059, -10.4512**.

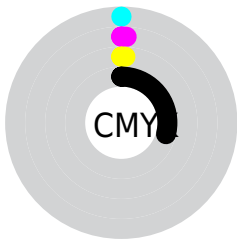
# Distribution



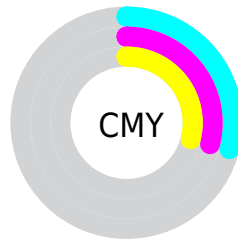
- Red (71%)
- Green (71%)
- Blue (71%)



- Red (71%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 181.2990, -0.1474, 0.6148 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 181.2990, -0.1474, 0.6148 by changing the saturation by 10% instead.



■ 181.2990, -0.1474,  
0.6148

■ 181.2990, -0.1474,  
0.6148

255.0000, 0.0000,  
0.0000

■ 154.2990, -0.1474,  
0.6148

■ 237.2990, -0.1474,  
0.6148

■ 128.2990, -0.1474,  
0.6148

■ 103.2990, -0.1474,  
0.6148

■ 79.2990, -0.1474,  
0.6148

■ 56.2990, -0.1474,  
0.6148

■ 35.2990, -0.1474,  
0.6148

■ 13.2990, -0.1474,

0.6148

0.0000, 0.0000,  
0.0000

181.2990, -0.1474,  
0.6148

181.2990, -0.1474,  
0.6148

168.6810, -2.8007,  
11.6808

193.9170, 2.5059,  
-10.4512

156.0630, -5.4541,  
22.7467

206.5350, 5.1592,  
-21.5172

142.7440, -8.2548,  
34.4275

219.8540, 7.9600,  
-33.1980

130.1260,  
-10.9081, 45.4935

232.4720, 10.6133,  
-44.2639

117.5080,  
-13.5614, 56.5595

233.1730, 10.7607,  
-44.8787

■ 104.8900,  
-16.2148, 67.6255

■ 92.2720, -18.8681,  
78.6915

■ 78.9530, -21.6688,  
90.3722

■ 66.3350, -24.3222,  
101.4382

# Harmonies

# Triad

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



181.2990, -0.1474, 0.6148



181.0000, 0.0000, 0.0000



181.1140, 0.4368, -0.1000

# Complementary

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



181.2990, -0.1474, 0.6148



181.7010, 0.1474, -0.6148

# 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.



180.8150, 0.5842, -0.7148



181.2990, -0.1474, 0.6148



181.0000, 0.0000, 0.0000

# Square

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



181.2990, -0.1474, 0.6148



181.0000, 0.0000, 0.0000



180.7010, 0.1474, -0.6148



181.1140, 0.4368, -0.1000



# Rectangle

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



181.2990, -0.1474, 0.6148



181.2990, -0.1474, 0.6148



180.7010, 0.1474, -0.6148



181.1140, 0.4368, -0.1000

# Sweetspot

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



181.2990, -0.1474, 0.6148



237.0000, 0.0000, 0.0000



181.4130, 0.2894, 0.5148



120.0000, 0.0000, 0.0000



247.0000, 0.0000, 0.0000

# Same Dimension

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



181.2990, -0.1474, 0.6148



235.5980, -0.2948, 1.2296



181.8860, -0.4368, 0.1000



91.2990, -0.1474, 0.6148



46.6440, -22.9955, 95.9052



8.3720, -4.1274, 17.2138

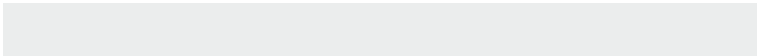


# Inverse Universe

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



181.7010, 0.1474, -0.6148



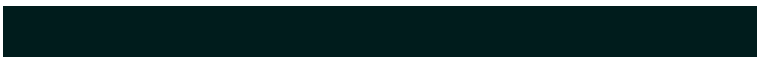
236.4020, 0.2948, -1.2296



91.7010, 0.1474, -0.6148



109.3560, 22.9955, -95.9052



19.6280, 4.1274, -17.2138

# Previews

## White Background



This preview shows how the YUV color 181.2990, -0.1474, 0.6148 looks on a white background.

## Color Contrast Check

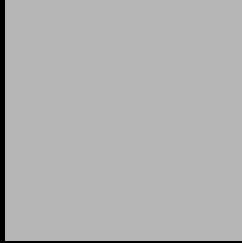
Large Text (above 18pt) WCAG AA × Fail

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 181.2990, -0.1474, 0.6148 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

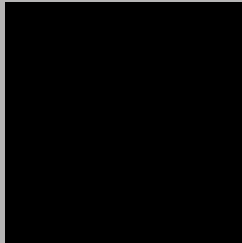
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

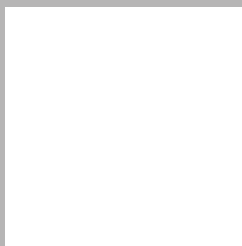
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YUV 181.2990, -0.1474, 0.6148**

## **Background**



This preview shows how black text looks on a background with the YUV color 181.2990, -0.1474, 0.6148.



This preview shows how white text looks on a background with the YUV color 181.2990, -0.1474,

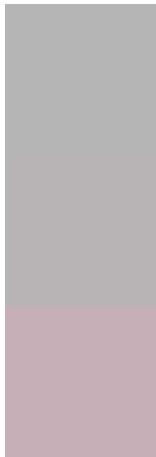


0.6148.

# 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

181.2990, -0.1474, 0.6148

### Protanopia

181.3100, -0.1528, 2.3591

### Deuteranopia

182.6750, -0.3328, 13.4400



## Tritanopia

182.0910, 5.3781, 1.6742

# Trichromacy



## Original Color

181.2990, -0.1474, 0.6148

## Protanomaly

181.0110, -0.0054, 1.7444

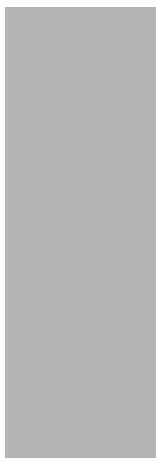
## Deuteranomaly

182.0550, -0.0271, 8.7218

## Tritanomaly

181.9230, 3.4890, 0.9445

# Monochromacy



## Original Color

181.2990, -0.1474, 0.6148

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

181.0000, 0.0000, 0.0000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 181.2990, -0.1474, 0.6148 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(182, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 181)  
}
```

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(182, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 181) }
```

## Border

The CSS property to change the border of an element to YUV 181.2990, -0.1474, 0.6148 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(182, 181, 181) }
```

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

```
.border{ border-color:rgb(182, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 181,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 181.2990, -0.1474, 0.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 181) }
```

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

```
.background{ background-color: rgb(182,  
181, 181) }
```

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