

# Converting Colors

YUV(175.2730, -4.0786, 1.5146)

Have a look what the booklet for  
YUV(175.2730, -4.0786, 1.5146)  
contains.

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# Color

**YUV(175.2730, -4.0786,  
1.5146)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B1B0A7
RGB	177, 176, 167
RGB Percent	69%, 69%, 65%
CMY	0.3059, 0.3098, 0.3451
CMYK	0.00, 0.01, 0.06, 0.31
HSL	54°, 6%, 67%
HSV	54°, 6%, 69%
XYZ	40.6318, 43.1878, 42.7538
YIQ	175.2730, 3.4850, -2.5870

# Conversions

## Conversions Part 2

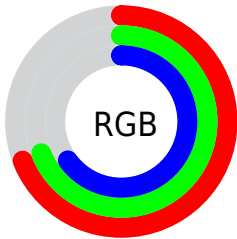
<b>Format</b>	<b>Color</b>
<b>RYB</b>	168, 177, 167
Decimal	11645095
CIELab	71.68, -1.28, 4.72
CIELCh	72, 4.894, 105.208
Yxy	43.1878, 0.3210, 0.3412
Android (android.graphics.Color)	4289835175 (0xFFB1B0A7)
YUV	175.2730, -4.0786, 1.5146
Hunter-Lab	65.7174, -4.6423, 7.4299

# Details

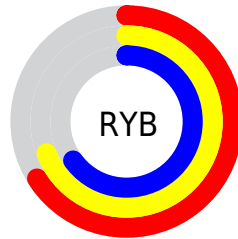
The YUV color  $175.2730, -4.0786, 1.5146$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $168.7270, 4.0786, -1.5146$ , and the grayscale version is  $175.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $231.1590, -4.5154, 1.6146$ , and  $122.9740, -3.9312, 0.8998$  is the 20% darker color. If you saturate the color by 10%, you get  $172.0470, -11.3622, 4.3438$ , and if you desaturate by 10%, it is  $178.4990, 3.2050, -1.3146$ .

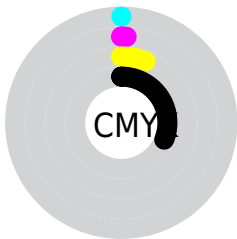
# Distribution



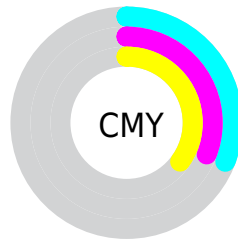
- Red (69%)
- Green (69%)
- Blue (65%)



- Red (66%)
- Yellow (69%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (31%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.2730, -4.0786, 1.5146 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 175.2730, -4.0786, 1.5146 by changing the saturation by 10% instead.



■ 175.2730, -4.0786,  
1.5146

■ 175.2730, -4.0786,  
1.5146

255.0000, 0.0000,  
0.0000

■ 148.3870, -3.6418,  
1.4146

■ 231.1590, -4.5154,  
1.6146

■ 122.9740, -3.9312,  
0.8998

■ 254.5440, -1.7472,  
0.3999

■ 98.3870, -3.6418,  
1.4146

■ 74.3870, -3.6418,  
1.4146

■ 51.5010, -3.2050,  
1.3146

■ 30.5010, -3.2050,  
1.3146

■ 5.9030, -2.9102,

0.0851

■ 0.0000, 0.0000,  
0.0000

■ 175.2730, -4.0786,  
1.5146

■ 175.2730, -4.0786,  
1.5146

■ 172.0470,  
-11.3622, 4.3438

■ 178.4990, 3.2050,  
-1.3146

■ 168.9350,  
-18.2090, 7.0730

■ 181.6110, 10.0518,  
-4.0438

■ 166.2960,  
-25.7819, 9.3874

■ 184.2500, 17.6247,  
-6.3582

■ 163.0700,  
-33.0655, 12.2166

■ 187.4760, 24.9083,  
-9.1875

■ 159.9580,  
-39.9123, 14.9458

■ 190.5880, 31.7551,  
-11.9167

■ 156.7320,  
-47.1959, 17.7750

■ 191.7620, 31.1763,  
-12.9463

■ 154.0930,  
-54.7688, 20.0894

■ 192.3490, 30.8869,  
-13.4611

■ 150.8670,  
-62.0524, 22.9186

■ 193.5230, 30.3082,  
-14.4907

■ 147.7550,  
-68.8992, 25.6479

■ 194.6970, 29.7294,  
-15.5203

# Harmonies

## Analogous

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



176.1810, -4.5262, 5.1033



175.2730, -4.0786, 1.5146



174.5930, -2.7573, -2.2741

# Triad

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



175.2730, -4.0786, 1.5146



174.8680, 3.5161, -7.7772



176.8590, 0.5625, 6.2627

# Complementary

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



175.2730, -4.0786, 1.5146



168.7270, 4.0786, -1.5146

# 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.



176.4070, 2.7573, 2.2741



175.2730, -4.0786, 1.5146



175.4060, 4.2368, -5.6181

# Square

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



175.2730, -4.0786, 1.5146



174.1130, 1.9163, -7.9921



175.7270, 4.0786, -1.5146



176.8870, -1.9163, 7.9921



# Rectangle

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



175.2730, -4.0786, 1.5146



174.6250, -1.2941, -4.9331



175.7270, 4.0786, -1.5146



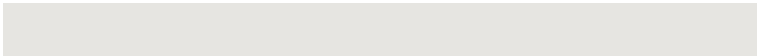
176.3750, 1.2941, 4.9331

# Sweetspot

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



175.2730, -4.0786, 1.5146



228.8430, -1.8946, 1.0147



170.1040, -1.0373, 6.0478



114.6580, -1.3104, 0.2999



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.



175.2730, -4.0786, 1.5146



226.8880, -6.8468, 2.7292



174.6640, -3.7784, -1.4593



88.2020, -3.0576, 0.6998



126.7530, -62.4892, 23.0186



21.2750, -10.4886, 4.1438



# Inverse Universe

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



168.7270, 4.0786, -1.5146



216.1120, 6.8468, -2.7292



169.3360, 3.7784, 1.4593



83.3850, 2.7682, -1.2146



26.2470, 62.4892, -23.0186



4.7250, 10.4886, -4.1438



# Previews

## White Background



This preview shows how the YUV color 175.2730, -4.0786, 1.5146 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 175.2730, -4.0786, 1.5146 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

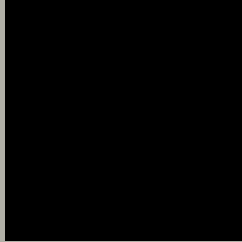
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

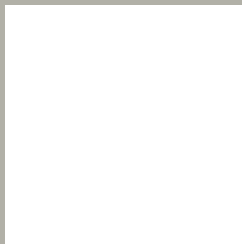
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 175.2730, -4.0786, 1.5146

## Background



This preview shows how black text looks on a background with the YUV color 175.2730, -4.0786, 1.5146.



This preview shows how white text looks on a background with the YUV color 175.2730, -4.0786,

1.5146.

# 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

175.2730, -4.0786, 1.5146

### Protanopia

175.7680, -4.8156, 4.5885

### Deuteranopia

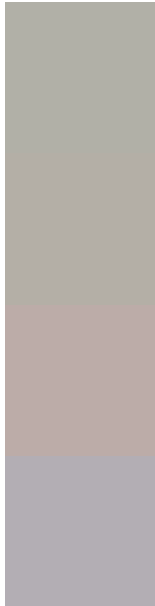
177.2470, -4.5588, 15.5694



## Tritanopia

176.6890, 5.0833, 2.9037

# Trichromacy



## Original Color

175.2730, -4.0786, 1.5146

## Protanomaly

175.4690, -4.6682, 3.9737

## Deuteranomaly

176.3280, -4.1057, 10.2363

## Tritanomaly

176.1790, 1.8838, 2.4740

# Monochromacy



## Original Color

175.2730, -4.0786, 1.5146

## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

174.9570, -1.4578, 0.9147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.2730, -4.0786, 1.5146 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(177, 176, 167)` looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 167)  
}
```

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(177, 176, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 167) }
```

## Border

The CSS property to change the border of an element to YUV 175.2730, -4.0786, 1.5146 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(177, 176, 167) }
```



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

```
.border{ border-color:rgb(177, 176, 167) }
```

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

Here you see how a box with a 4 pixel rgb(177, 176, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 176, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 176, 167);  
box-shadow:4px 4px 4px 4px rgb(177, 176,  
167) }
```

# Background

The CSS property to change the background color of an element to YUV 175.2730, -4.0786, 1.5146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 167) }
```

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

```
.background{ background-color: rgb(177,  
176, 167) }
```

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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