

# Converting Colors

YUV(173.4350, 0.2785, 4.0035)

Have a look what the booklet for  
YUV(173.4350, 0.2785, 4.0035)  
contains.

<b>YUV(173.4350, 0.2785, 4.0035)</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(173.4350, 0.2785,  
4.0035)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2ABAE
RGB	178, 171, 174
RGB Percent	70%, 67%, 68%
CMY	0.3020, 0.3294, 0.3176
CMYK	0.00, 0.04, 0.02, 0.30
HSL	334°, 4%, 68%
HSV	334°, 4%, 70%
XYZ	40.5630, 41.6468, 45.9451
YIQ	173.4350, 3.2090, 2.4170

# Conversions

## Conversions Part 2

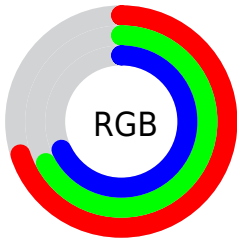
Format	Color
<b>RYB</b>	178, 171, 174
Decimal	11709358
CIELab	70.63, 3.05, -0.65
CIELCh	71, 3.123, 347.899
Yxy	41.6468, 0.3165, 0.3250
Android (android.graphics.Color)	4289899438 (0xFFB2ABAE)
YUV	173.4350, 0.2785, 4.0035
Hunter-Lab	64.5343, -0.7391, 2.9626

# Details

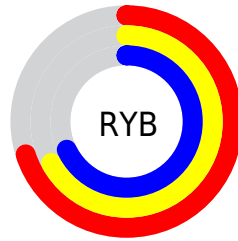
The YUV color  $173.4350, 0.2785, 4.0035$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $175.5650, -0.2785, -4.0035$ , and the grayscale version is  $173.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $228.7340, 0.1311, 4.6183$ , and  $121.1360, 0.4260, 3.3887$  is the 20% darker color. If you saturate the color by 10%, you get  $161.7290, 1.1196, 14.2697$ , and if you desaturate by 10%, it is  $185.1410, -0.5625, -6.2627$ .

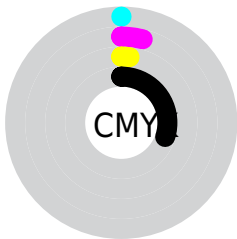
# Distribution



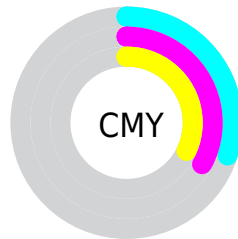
- Red (70%)
- Green (67%)
- Blue (68%)



- Red (70%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (2%)
- Black (30%)



- Cyan (30%)
- Magenta (33%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 173.4350, 0.2785, 4.0035 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 173.4350, 0.2785, 4.0035 by changing the saturation by 10% instead.



■ 173.4350, 0.2785,  
4.0035

■ 173.4350, 0.2785,  
4.0035

■ 255.0000, 0.0000,  
0.0000

■ 147.0220, -0.0108,  
3.4887

■ 228.7340, 0.1311,  
4.6183

■ 121.1360, 0.4260,  
3.3887

■ 96.1360, 0.4260,  
3.3887

■ 73.0220, -0.0108,  
3.4887

■ 50.1360, 0.4260,  
3.3887

■ 29.1360, 0.4260,  
3.3887

■ 3.1470, 0.4205,

5.1331

0.0000, 0.0000,  
0.0000

173.4350, 0.2785,  
4.0035

173.4350, 0.2785,  
4.0035

161.7290, 1.1196,  
14.2697

185.1410, -0.5625,  
-6.2627

150.0230, 1.9607,  
24.5358

196.8470, -1.4036,  
-16.5288

138.7900, 2.0755,  
34.3872

208.0800, -1.5184,  
-26.3802

127.0840, 2.9166,  
44.6533

219.7860, -2.3595,  
-36.6463

115.3780, 3.7576,  
54.9195

228.5570, -1.7536,  
-44.3385

■ 103.6720, 4.5987,  
65.1857

■ 229.6970, 2.6144,  
-45.3383

■ 91.9660, 5.4398,  
75.4518

■ 230.8370, 6.9824,  
-46.3380

■ 80.8470, 5.9914,  
85.2032

■ 231.9770, 11.3503,  
-47.3378

■ 69.0270, 6.3957,  
95.5693

# Harmonies

## Analogous

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



173.4670, 1.7418, 1.3444



173.4350, 0.2785, 4.0035



173.3920, -1.1793, 4.9182

# Triad

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



173.4350, 0.2785, 4.0035



172.3160, -2.6208, 0.5999



172.2490, 2.3422, -4.6034

# Complementary

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



173.4350, 0.2785, 4.0035



175.5650, -0.2785, -4.0035

# 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.



171.6080, 1.1793, -4.9182



173.4350, 0.2785, 4.0035



172.2340, -1.5944, -1.9592

# Square

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



173.4350, 0.2785, 4.0035



172.6260, -2.7736, 2.9590



171.5650, -0.2785, -4.0035



172.3740, 2.7736, -2.9590



# Rectangle

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



173.4350, 0.2785, 4.0035



173.1640, -2.0529, 5.1182



171.5650, -0.2785, -4.0035



171.8360, 2.0529, -5.1182

# Sweetspot

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



173.4350, 0.2785, 4.0035



230.7120, 0.1420, 1.1296



172.9940, 2.4680, 1.7593



116.4130, 0.2894, 0.5148



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



173.4350, 0.2785, 4.0035



224.1580, 0.4151, 6.8774



173.0930, -1.0318, 4.3034



85.7230, 0.1366, 2.8739



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844



# Inverse Universe

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



173.4350, 0.2785, 4.0035



224.1580, 0.4151, 6.8774



175.9070, 1.0318, -4.3034



85.7230, 0.1366, 2.8739



53.2710, 6.2754, 87.4623

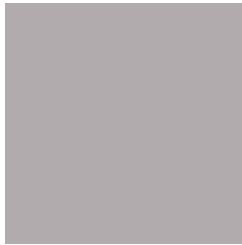


9.0280, 0.9722, 14.8844



# Previews

## White Background



This preview shows how the YUV color 173.4350, 0.2785, 4.0035 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

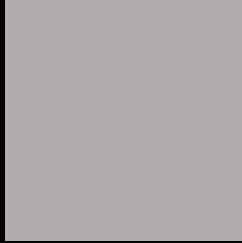
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 173.4350, 0.2785, 4.0035 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

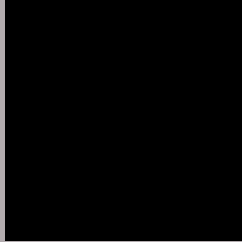
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 173.4350, 0.2785, 4.0035

## Background



This preview shows how black text looks on a background with the YUV color 173.4350, 0.2785, 4.0035.



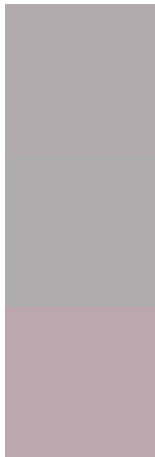
This preview shows how white text looks on a background with the YUV color 173.4350, 0.2785,



# 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

173.4350, 0.2785, 4.0035

### Protanopia

173.1250, 0.4314, 1.6444

### Deuteranopia

174.1910, 0.3988, 12.1105



## Tritanopia

174.1730, 4.3517, 4.2333

# Trichromacy



## Original Color

173.4350, 0.2785, 4.0035

## Protanomaly

173.4240, 0.2840, 2.2592

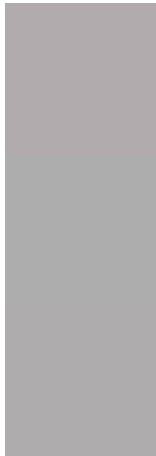
## Deuteranomaly

173.5820, 0.6991, 9.1366

## Tritanomaly

173.8310, 3.0413, 4.5332

# Monochromacy



## Original Color

173.4350, 0.2785, 4.0035

## Achromatopsia

173.0000, 0.0000, 0.0000

## Achromatomaly

173.0110, -0.0054, 1.7444

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 173.4350, 0.2785, 4.0035 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(178, 171, 174)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 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(178, 171, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 174) }
```

## Border

The CSS property to change the border of an element to YUV 173.4350, 0.2785, 4.0035 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(178, 171, 174) }
```



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

```
.border{ border-color:rgb(178, 171, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 171, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 171, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 171, 174);  
box-shadow:4px 4px 4px 4px rgb(178, 171,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 173.4350, 0.2785, 4.0035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 174) }
```

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

```
.background{ background-color: rgb(178,  
171, 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