

# Converting Colors

YUV(178.0650, 1.4470, 2.5740)

Have a look what the booklet for  
YUV(178.0650, 1.4470, 2.5740)  
contains.

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# Color

**YUV(178.0650, 1.4470,  
2.5740)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B5B0B5
RGB	181, 176, 181
RGB Percent	71%, 69%, 71%
CMY	0.2902, 0.3098, 0.2902
CMYK	0.00, 0.03, 0.00, 0.29
HSL	300°, 3%, 70%
HSV	300°, 3%, 71%
XYZ	42.9219, 44.2106, 49.9873
YIQ	178.0650, 1.3750, 2.6150

# Conversions

## Conversions Part 2

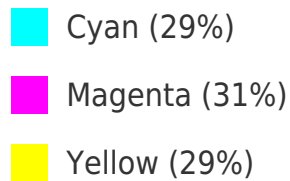
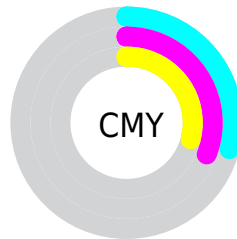
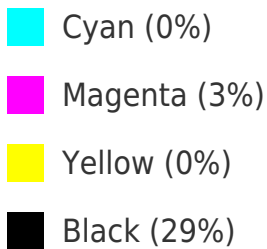
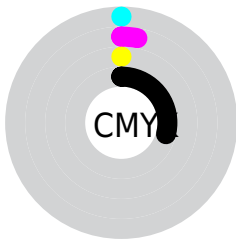
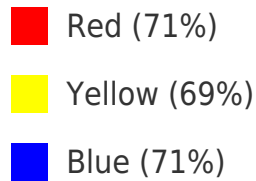
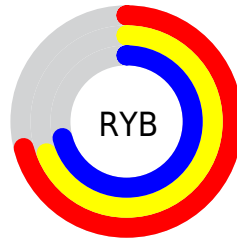
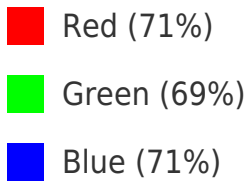
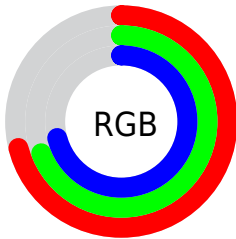
Format	Color
<a href="#">RYB</a>	<a href="#">181, 176, 181</a>
Decimal	<a href="#">11907253</a>
CIELab	<a href="#">72.37, 2.70, -1.93</a>
CIELCh	<a href="#">72, 3.320, 324.519</a>
Yxy	<a href="#">44.2106, 0.3130, 0.3224</a>
Android (android.graphics.Color)	<a href="#">4290097333</a> (0xFFB5B0B5)
YUV	<a href="#">178.0650, 1.4470, 2.5740</a>
Hunter-Lab	<a href="#">66.4911, -1.1325, 1.9701</a>

# Details

The YUV color **178.0650, 1.4470, 2.5740** is a light color, and the websafe version is hex **999999**. A complement of this color would be **178.9350, -1.4470, -2.5740**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0650, 1.4470, 2.5740**, and **125.6520, 1.1576, 2.0592** is the 20% darker color. If you saturate the color by 10%, you get **167.4990, 6.6560, 11.8404**, and if you desaturate by 10%, it is **188.6310, -3.7621, -6.6924**.

# Distribution



# Brightness & Saturation Gradients


These gradients show how the YUV color 178.0650, 1.4470, 2.5740 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 178.0650, 1.4470, 2.5740 by changing the saturation by 10% instead.

 178.0650, 1.4470,  
2.5740


 178.0650, 1.4470,  
2.5740


255.0000, 0.0000,  
0.0000


 151.0650, 1.4470,  
2.5740


 234.0650, 1.4470,  
2.5740

 125.6520, 1.1576,  
2.0592

 100.6520, 1.1576,  
2.0592

 76.6520, 1.1576,  
2.0592

 53.6520, 1.1576,  
2.0592

 32.6520, 1.1576,  
2.0592

 9.4780, 1.7363,

3.0888

0.0000, 0.0000,  
0.0000

178.0650, 1.4470,  
2.5740

178.0650, 1.4470,  
2.5740

167.4990, 6.6560,  
11.8404

188.6310, -3.7621,  
-6.6924

156.9330, 11.8650,  
21.1068

199.1970, -8.9711,  
-15.9588

146.3670, 17.0741,  
30.3731

209.7630,  
-14.1802, -25.2252

135.8010, 22.2831,  
39.6395

220.3290,  
-19.3892, -34.4915

125.2350, 27.4921,  
48.9059

224.4380,  
-21.4149, -38.0951

■ 114.0820, 32.9906,  
58.6871

■ 103.5160, 38.1996,  
67.9535

■ 92.9500, 43.4087,  
77.2198

■ 82.3840, 48.6177,  
86.4862

# Harmonies

## Analogous

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



177.6840, 2.6208, -0.5999



178.0650, 1.4470, 2.5740



178.3210, -0.1583, 4.1035

# Triad

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



178.0650, 1.4470, 2.5740



177.5120, -3.2104, 3.0590



176.4230, 1.7635, -5.6330

# Complementary

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



178.0650, 1.4470, 2.5740



178.9350, -1.4470, -2.5740

# 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.



176.3800, 0.3057, -4.7183



178.0650, 1.4470, 2.5740



177.0170, -2.4734, -0.0149

# Square

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



178.0650, 1.4470, 2.5740



177.7510, -2.3422, 4.6034



176.9350, -1.4470, -2.5740



176.9500, 2.4897, -5.2181

# Rectangle

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



178.0650, 1.4470, 2.5740



178.3920, -1.1793, 4.9182



176.9350, -1.4470, -2.5740



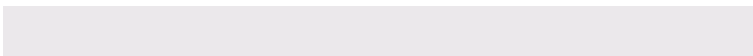
176.3090, 1.3267, -5.5330

# Sweetspot

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



178.0650, 1.4470, 2.5740



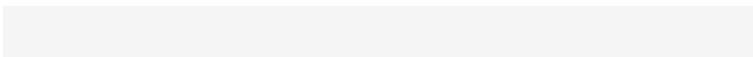
233.2390, 0.8682, 1.5444



176.5700, 2.1840, -0.4999



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.



178.0650, 1.4470, 2.5740



230.8910, 2.0257, 3.6036



177.8370, 0.5734, 2.7740



87.2390, 0.8682, 1.5444



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848



# Inverse Universe

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



178.0650, 1.4470, 2.5740



230.8910, 2.0257, 3.6036



179.2770, -0.1366, -2.8739



87.2390, 0.8682, 1.5444



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848



# Previews

## White Background



This preview shows how the YUV color 178.0650, 1.4470, 2.5740 looks on a white background.

## Color Contrast Check

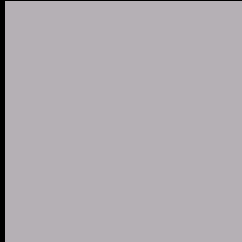
Large Text (above 18pt) WCAG AA × Fail

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 178.0650, 1.4470, 2.5740 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

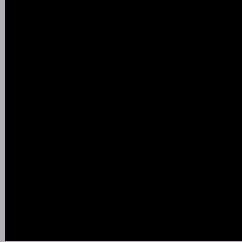
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 178.0650, 1.4470, 2.5740

## Background



This preview shows how black text looks on a background with the YUV color 178.0650, 1.4470, 2.5740.



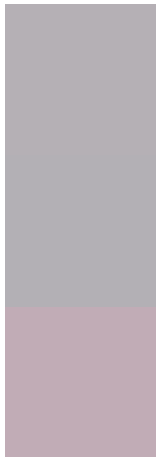
This preview shows how white text looks on a background with the YUV color 178.0650, 1.4470,



# 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

178.0650, 1.4470, 2.5740

### Protanopia

177.4670, 1.7418, 1.3444

### Deuteranopia

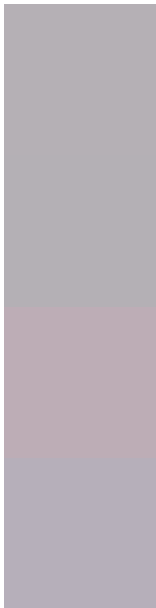
179.4190, 1.2724, 11.9105



## Tritanopia

178.6890, 5.0833, 2.9037

# Trichromacy



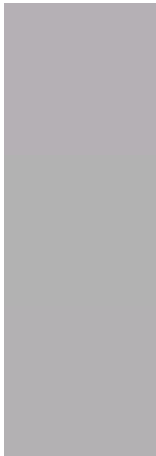
**Original Color**  
178.0650, 1.4470, 2.5740

**Protanomaly**  
177.7660, 1.5944, 1.9592

**Deuteranomaly**  
178.8100, 1.5727, 8.9366

**Tritanomaly**  
178.3470, 3.7729, 3.2037

# Monochromacy



**Original Color**  
178.0650, 1.4470, 2.5740

**Achromatopsia**  
178.0000, 0.0000, 0.0000

**Achromatomaly**  
177.8260, 0.5788, 1.0296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.0650, 1.4470, 2.5740 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(181, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 176, 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(181, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 176, 181) }
```

## Border

The CSS property to change the border of an element to YUV 178.0650, 1.4470, 2.5740 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(181, 176, 181) }
```

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

```
.border{ border-color:rgb(181, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 176,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 178.0650, 1.4470, 2.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 176, 181) }
```

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

```
.background{ background-color: rgb(181,  
176, 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](#).

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