

# Converting Colors

YUV(187.9900, -1.4741, 6.1478)

Have a look what the booklet for  
YUV(187.9900, -1.4741, 6.1478)  
contains.

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# Color

**YUV(187.9900, -1.4741,  
6.1478)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C3B9B9
RGB	195, 185, 185
RGB Percent	76%, 73%, 73%
CMY	0.2353, 0.2745, 0.2745
CMYK	0.00, 0.05, 0.05, 0.24
HSL	0°, 8%, 75%
HSV	0°, 5%, 76%
XYZ	48.6116, 49.8028, 52.9497
YIQ	187.9900, 5.9600, 2.1200

# Conversions

## Conversions Part 2

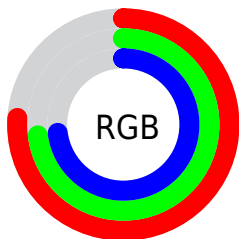
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 185, 185
Decimal	12827065
CIELab	75.95, 3.53, 1.25
CIELCh	76, 3.745, 19.571
Yxy	49.8028, 0.3212, 0.3290
Android (android.graphics.Color)	4291017145 (0xFFC3B9B9)
YUV	187.9900, -1.4741, 6.1478
Hunter-Lab	70.5711, -0.5430, 4.9143

# Details

The YUV color  $187.9900, -1.4741, 6.1478$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $192.0100, 1.4741, -6.1478$ , and the grayscale version is  $188.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $244.2890, -1.6215, 6.7625$ , and  $134.6910, -1.3267, 5.5330$  is the 20% darker color. If you saturate the color by 10%, you get  $174.6710, -4.2748, 17.8285$ , and if you desaturate by 10%, it is  $202.0100, 1.4741, -6.1478$ .

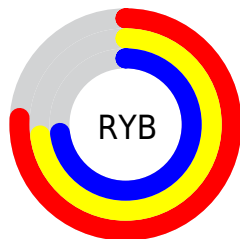
# Distribution



Red (76%)

Green (73%)

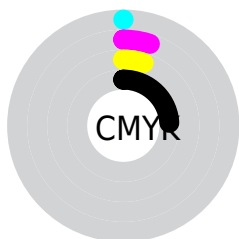
Blue (73%)



Red (76%)

Yellow (73%)

Blue (73%)

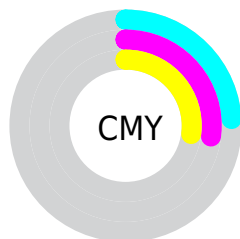


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 187.9900, -1.4741, 6.1478 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 187.9900, -1.4741, 6.1478 by changing the saturation by 10% instead.



■ 187.9900, -1.4741,  
6.1478

■ 187.9900, -1.4741,  
6.1478

255.0000, 0.0000,  
0.0000

■ 160.9900, -1.4741,  
6.1478

■ 244.2890, -1.6215,  
6.7625

■ 134.6910, -1.3267,  
5.5330

■ 109.6910, -1.3267,  
5.5330

■ 85.3920, -1.1793,  
4.9182

■ 62.3920, -1.1793,  
4.9182

■ 40.0930, -1.0318,  
4.3034

■ 19.3920, -1.1793,

4.9182

0.0000, 0.0000,  
0.0000

187.9900, -1.4741,  
6.1478

187.9900, -1.4741,  
6.1478

174.6710, -4.2748,  
17.8285

202.0100, 1.4741,  
-6.1478

160.6510, -7.2229,  
30.1241

215.3290, 4.2748,  
-17.8285

147.3320,  
-10.0237, 41.8048

228.6480, 7.0755,  
-29.5093

133.3120,  
-12.9718, 54.1004

237.0600, 8.8444,  
-36.8866

119.9930,  
-15.7725, 65.7811

■ 105.9730,  
-18.7207, 78.0767

■ 92.6540, -21.5214,  
89.7574

■ 78.6340, -24.4696,  
102.0530

■ 65.3150, -27.2703,  
113.7337

# Harmonies

## Analogous

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



188.1470, 0.4205, 5.1331



187.9900, -1.4741, 6.1478



187.9360, -2.9264, 5.3181

# Triad

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



187.9900, -1.4741, 6.1478



186.8210, -1.8838, -2.4740



187.1890, 3.3578, -3.6738

# Complementary

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



187.9900, -1.4741, 6.1478



192.0100, 1.4741, -6.1478

# 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.



186.6510, 2.6371, -5.8329



187.9900, -1.4741, 6.1478



185.9670, 0.0163, -5.2331

# Square

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



187.9900, -1.4741, 6.1478



187.2020, -3.0576, 0.6998



186.0100, 1.4741, -6.1478



187.7980, 3.0576, -0.6998



# Rectangle

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



187.9900, -1.4741, 6.1478



187.5230, -3.2158, 4.8033



186.0100, 1.4741, -6.1478



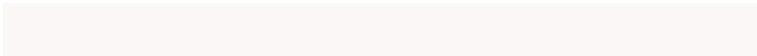
186.5910, 3.6526, -4.9033

# Sweetspot

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



187.9900, -1.4741, 6.1478



248.4950, -0.7370, 3.0739



189.1300, 2.8939, 5.1480



125.8970, -0.4422, 1.8443



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

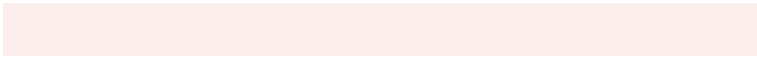


# Same Dimension

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



187.9900, -1.4741, 6.1478



241.4850, -2.2111, 9.2217



190.9250, -2.9210, 3.5738



92.0930, -1.0318, 4.3034



48.1390, -23.7325, 98.9791



9.8670, -4.8644, 20.2876

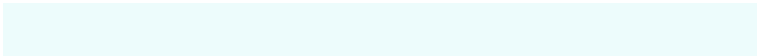


# Inverse Universe

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



192.0100, 1.4741, -6.1478



247.5150, 2.2111, -9.2217



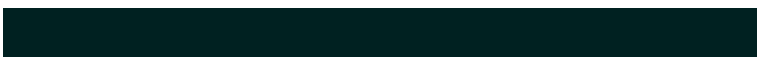
189.0750, 2.9210, -3.5738



94.9070, 1.0318, -4.3034



112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876



# Previews

## White Background



This preview shows how the YUV color 187.9900, -1.4741, 6.1478 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 187.9900, -1.4741, 6.1478 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 187.9900, -1.4741, 6.1478

## Background



This preview shows how black text looks on a background with the YUV color 187.9900, -1.4741, 6.1478.



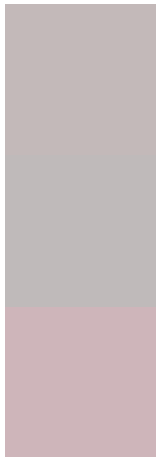
This preview shows how white text looks on a background with the YUV color 187.9900, -1.4741,

6.1478.

# 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

187.9900, -1.4741, 6.1478

### Protanopia

187.4950, -0.7370, 3.0739

### Deuteranopia

189.0450, -1.5012, 14.8695



## Tritanopia

188.7820, 4.0515, 7.2072

# Trichromacy



## Original Color

187.9900, -1.4741, 6.1478

## Protanomaly

187.7940, -0.8844, 3.6887

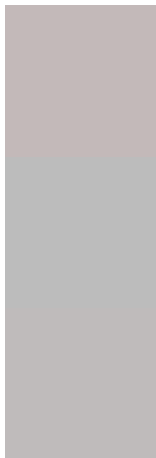
## Deuteranomaly

188.4360, -1.2009, 11.8956

## Tritanomaly

188.6140, 2.1623, 6.4775

# Monochromacy



## Original Color

187.9900, -1.4741, 6.1478

## Achromatopsia

188.0000, 0.0000, 0.0000

## Achromatomaly

188.1960, -0.5896, 2.4591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 187.9900, -1.4741, 6.1478 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(195, 185, 185)` looks like.

```
.text, #text, p{  
    color:rgb(195, 185, 185)  
}
```

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(195, 185, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 185, 185) }
```

## Border

The CSS property to change the border of an element to YUV 187.9900, -1.4741, 6.1478 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".

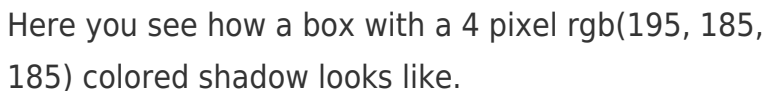
```
.border, #border, table{ border:4px solid rgb(195, 185, 185) }
```



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

```
.border{ border-color:rgb(195, 185, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 185, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 185, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 185, 185); box-shadow:4px 4px 4px 4px rgb(195, 185, 185) }
```

# Background

The CSS property to change the background color of an element to YUV 187.9900, -1.4741, 6.1478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 185, 185) }
```

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

```
.background{ background-color: rgb(195,  
185, 185) }
```

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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