

# Converting Colors

YUV(195.3330, -5.0942, 0.5850)

Have a look what the booklet for  
YUV(195.3330, -5.0942, 0.5850)  
contains.

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# Color

**YUV(195.3330, -5.0942,  
0.5850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C4C5B9
RGB	196, 197, 185
RGB Percent	77%, 77%, 73%
CMY	0.2314, 0.2275, 0.2745
CMYK	0.01, 0.00, 0.06, 0.23
HSL	65°, 9%, 75%
HSV	65°, 6%, 77%
XYZ	51.4882, 55.1710, 53.8343
YIQ	195.3330, 3.2560, -3.9440

# Conversions

## Conversions Part 2

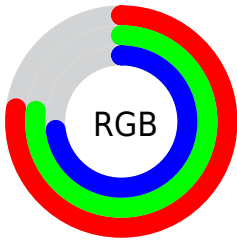
<b>Format</b>	<b>Color</b>
<b>RYB</b>	185, 197, 186
Decimal	12895673
CIELab	79.14, -2.49, 5.89
CIELCh	79, 6.392, 112.948
Yxy	55.1710, 0.3208, 0.3438
Android (android.graphics.Color)	4291085753 (0xFFC4C5B9)
YUV	195.3330, -5.0942, 0.5850
Hunter-Lab	74.2772, -6.2509, 9.0221

# Details

The YUV color  $195.3330, -5.0942, 0.5850$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $186.6670, 5.0942, -0.5850$ , and the grayscale version is  $195.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.2190, -5.5310, 0.6849$ , and  $141.4470, -4.6574, 0.4850$  is the 20% darker color. If you saturate the color by 10%, you get  $192.4550, -13.5353, 1.3550$ , and if you desaturate by 10%, it is  $198.2110, 3.3470, -0.1850$ .

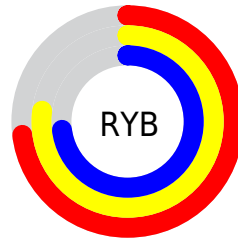
# Distribution



Red (77%)

Green (77%)

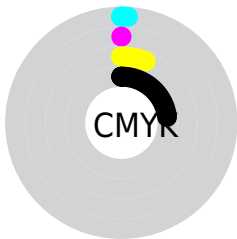
Blue (73%)



Red (73%)

Yellow (77%)

Blue (73%)

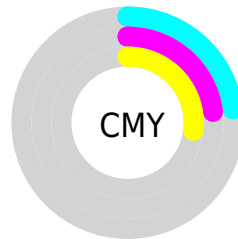


Cyan (1%)

Magenta (0%)

Yellow (6%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 195.3330, -5.0942, 0.5850 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 195.3330, -5.0942, 0.5850 by changing the saturation by 10% instead.



■ 195.3330, -5.0942,  
0.5850

■ 195.3330, -5.0942,  
0.5850

255.0000, 0.0000,  
0.0000

■ 168.3330, -5.0942,  
0.5850

■ 252.2190, -5.5310,  
0.6849

■ 141.4470, -4.6574,  
0.4850

■ 116.4470, -4.6574,  
0.4850

■ 91.5610, -4.2206,  
0.3850

■ 68.5610, -4.2206,  
0.3850

■ 45.6750, -3.7838,  
0.2850

■ 24.9740, -3.9312,

0.8998

0.0000, 0.0000,  
0.0000

195.3330, -5.0942,  
0.5850

195.3330, -5.0942,  
0.5850

192.4550,  
-13.5353, 1.3550

198.2110, 3.3470,  
-0.1850

189.9900,  
-21.6871, 2.6398

200.6760, 11.4987,  
-1.4699

187.1120,  
-30.1282, 3.4098

203.5540, 19.9399,  
-2.2399

184.2340,  
-38.5694, 4.1798

205.4060, 24.4498,  
-2.1101

181.7690,  
-46.7211, 5.4646

205.7050, 24.3024,  
-1.4953

■ 178.8910,  
-55.1623, 6.2346

■ 206.3030, 24.0076,  
-0.2657

■ 176.3120,  
-63.7508, 7.6194

■ 206.6020, 23.8602,  
0.3490

■ 173.4340,  
-72.1920, 8.3894

■ 207.2000, 23.5654,  
1.5786

■ 170.6700,  
-80.1963, 9.0594

■ 207.7980, 23.2706,  
2.8082

# Harmonies

## Analogous

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



196.1380, -5.9840, 6.0180



195.3330, -5.0942, 0.5850



194.8700, -2.8939, -5.1480

# Triad

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



195.3330, -5.0942, 0.5850



194.9000, 4.9793, -10.4363



197.4680, 0.2623, 9.2366

# Complementary

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



195.3330, -5.0942, 0.5850



186.6670, 5.0942, -0.5850

# 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.



197.1300, 2.8939, 5.1480



195.3330, -5.0942, 0.5850



195.5630, 6.1314, -6.6328

# Square

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



195.3330, -5.0942, 0.5850



194.6180, 2.6533, -11.0660



196.6670, 5.0942, -0.5850



197.0830, -2.5059, 10.4512



# Rectangle

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



195.3330, -5.0942, 0.5850



194.0160, -0.9939, -7.9070



196.6670, 5.0942, -0.5850



197.0980, 1.4307, 7.8071

# Sweetspot

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



195.3330, -5.0942, 0.5850



254.4300, -2.1840, 0.4999



189.1750, -2.0583, 6.8625



127.3590, -1.1630, -0.3148



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.



195.3330, -5.0942, 0.5850



252.6490, -7.7150, 1.1848



193.5390, -4.2097, -3.1037



98.0880, -3.4944, 0.7998



140.5310, -69.2818, 8.3043



30.9990, -15.2825, 1.7549



# Inverse Universe

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



186.6670, 5.0942, -0.5850



239.6500, 7.5676, -0.5700



188.4610, 4.2097, 3.1037



92.2110, 3.3470, -0.1850



22.7680, 69.1344, -7.6895



5.0010, 15.2825, -1.7549



# Previews

## White Background



This preview shows how the YUV color 195.3330, -5.0942, 0.5850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

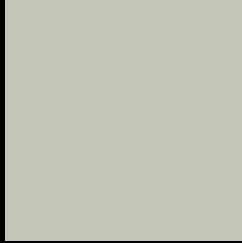
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 195.3330, -5.0942, 0.5850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

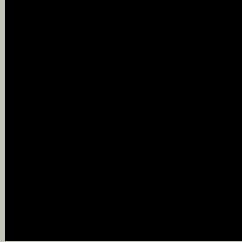
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

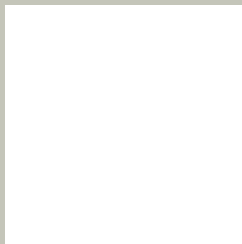
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 195.3330, -5.0942, 0.5850

## Background



This preview shows how black text looks on a background with the YUV color 195.3330, -5.0942, 0.5850.



This preview shows how white text looks on a background with the YUV color 195.3330, -5.0942,

0.5850.

# 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

195.3330, -5.0942, 0.5850

### Protanopia

195.8390, -5.8366, 5.4032

### Deuteranopia

197.4430, -5.1484, 18.0285



## Tritanopia

196.9170, 5.9569, 2.7038

# Trichromacy



## Original Color

195.3330, -5.0942, 0.5850

## Protanomaly

195.8280, -5.8312, 3.6588

## Deuteranomaly

196.6980, -5.2741, 11.6659

## Tritanomaly

196.1790, 1.8838, 2.4740

# Monochromacy



## Original Color

195.3330, -5.0942, 0.5850

## Achromatopsia

195.0000, 0.0000, 0.0000

## Achromatomaly

195.1310, -2.0366, -0.1149

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 195.3330, -5.0942, 0.5850 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(196, 197, 185)` looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 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(196, 197, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 185) }
```

## Border

The CSS property to change the border of an element to YUV 195.3330, -5.0942, 0.5850 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(196, 197, 185) }
```



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

```
.border{ border-color:rgb(196, 197, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 197, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 185);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
185) }
```

# Background

The CSS property to change the background color of an element to YUV 195.3330, -5.0942, 0.5850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 185) }
```

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

```
.background{ background-color: rgb(196,  
197, 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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