

# Converting Colors

YUV(191.9570, -1.4578, 0.9147)

Have a look what the booklet for  
YUV(191.9570, -1.4578, 0.9147)  
contains.

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# Color

**YUV(191.9570, -1.4578,  
0.9147)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1C0BD
RGB	193, 192, 189
RGB Percent	76%, 75%, 74%
CMY	0.2431, 0.2471, 0.2588
CMYK	0.00, 0.01, 0.02, 0.24
HSL	45°, 3%, 75%
HSV	45°, 2%, 76%
XYZ	50.0273, 52.7109, 55.6816
YIQ	191.9570, 1.5590, -0.7210

# Conversions

## Conversions Part 2

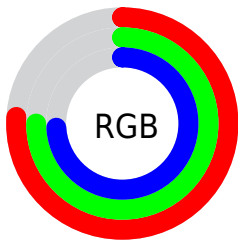
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	190, 193, 189
Decimal	12697789
CIE Lab	77.70, -0.20, 1.62
CIE LCh	78, 1.634, 96.882
Yxy	52.7109, 0.3158, 0.3327
Android (android.graphics.Color)	4290887869 (0xFFC1C0BD)
YUV	191.9570, -1.4578, 0.9147
Hunter-Lab	72.6022, -4.0568, 5.3497

# Details

The YUV color  $191.9570, -1.4578, 0.9147$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $190.0430, 1.4578, -0.9147$ , and the grayscale version is  $192.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $247.9570, -1.4578, 0.9147$ , and  $138.9570, -1.4578, 0.9147$  is the 20% darker color. If you saturate the color by 10%, you get  $186.8560, -8.3100, 5.3883$ , and if you desaturate by 10%, it is  $197.0580, 5.3944, -3.5589$ .

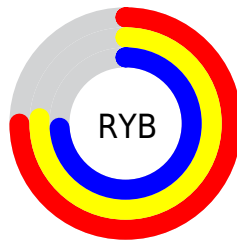
# Distribution



Red (76%)

Green (75%)

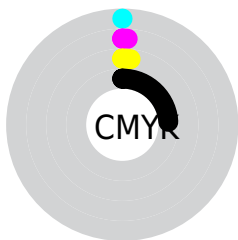
Blue (74%)



Red (75%)

Yellow (76%)

Blue (74%)

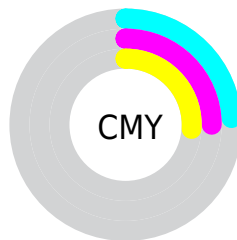


Cyan (0%)

Magenta (1%)

Yellow (2%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 191.9570, -1.4578, 0.9147 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 191.9570, -1.4578, 0.9147 by changing the saturation by 10% instead.



■ 191.9570, -1.4578,  
0.9147

■ 191.9570, -1.4578,  
0.9147

255.0000, 0.0000,  
0.0000

■ 164.9570, -1.4578,  
0.9147

■ 247.9570, -1.4578,  
0.9147

■ 138.9570, -1.4578,  
0.9147

■ 112.9570, -1.4578,  
0.9147

■ 88.9570, -1.4578,  
0.9147

■ 65.0710, -1.0210,  
0.8147

■ 43.0710, -1.0210,  
0.8147

■ 23.0710, -1.0210,

0.8147

0.0000, 0.0000,  
0.0000

191.9570, -1.4578,  
0.9147

191.9570, -1.4578,  
0.9147

186.8560, -8.3100,  
5.3883

197.0580, 5.3944,  
-3.5589

181.6410,  
-15.5990, 9.9618

202.2730, 12.6834,  
-8.1324

177.1270,  
-22.7406, 13.9206

206.7870, 19.8250,  
-12.0912

172.0260,  
-29.5928, 18.3942

210.6340, 21.8724,  
-15.4650

166.9250,  
-36.4450, 22.8678

213.5690, 20.4255,  
-18.0390

■ 161.7100,  
-43.7340, 27.4413

■ 216.5040, 18.9785,  
-20.6130

■ 156.6090,  
-50.5862, 31.9149

■ 219.4390, 17.5316,  
-23.1870

■ 151.5080,  
-57.4384, 36.3885

■ 222.3740, 16.0846,  
-25.7610

■ 146.8800,  
-65.0168, 40.4472

■ 224.7220, 14.9271,  
-27.8202

# Harmonies

## Analogous

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



192.5550, -1.7526, 2.1443



191.9570, -1.4578, 0.9147



191.4730, -0.7262, -0.4148

# Triad

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



191.9570, -1.4578, 0.9147



191.9180, 1.0264, -2.5591



192.1250, 0.4314, 1.6444

# Complementary

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



191.9570, -1.4578, 0.9147



190.0430, 1.4578, -0.9147

# 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.



192.5270, 0.7262, 0.4148



191.9570, -1.4578, 0.9147



191.4450, 1.7526, -2.1443

# Square

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



191.9570, -1.4578, 0.9147



191.6900, 0.1528, -2.3591



192.0430, 1.4578, -0.9147



192.3100, -0.1528, 2.3591



# Rectangle

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



191.9570, -1.4578, 0.9147



191.7610, -0.8682, -1.5444



192.0430, 1.4578, -0.9147



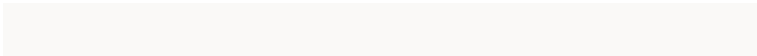
192.2390, 0.8682, 1.5444

# Sweetspot

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



191.9570, -1.4578, 0.9147



249.0710, -1.0210, 0.8147



190.3100, -0.1528, 2.3591



124.8860, -0.4368, 0.1000



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000



# Same Dimension

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



191.9570, -1.4578, 0.9147



248.8430, -1.8946, 1.0147



192.2450, -1.5998, -0.2149



96.1850, -0.5842, 0.7148



118.5790, -58.4594, 37.2032



24.5420, -12.0992, 7.4177

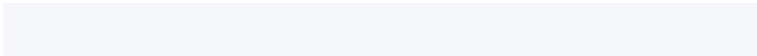


# Inverse Universe

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



190.0430, 1.4578, -0.9147



246.1570, 1.8946, -1.0147



189.7550, 1.5998, 0.2149



95.2280, 0.8736, -0.2000



41.8340, 58.7488, -36.6884



8.4580, 12.0992, -7.4177



# Previews

## White Background



This preview shows how the YUV color 191.9570, -1.4578, 0.9147 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

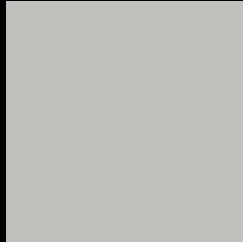
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 191.9570, -1.4578, 0.9147 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

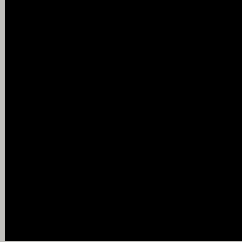
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

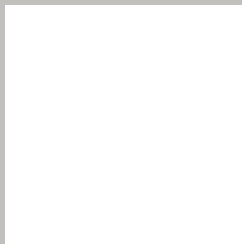
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 191.9570, -1.4578, 0.9147

## Background



This preview shows how black text looks on a background with the YUV color 191.9570, -1.4578, 0.9147.



This preview shows how white text looks on a background with the YUV color 191.9570, -1.4578,

0.9147.

# 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

191.9570, -1.4578, 0.9147

### Protanopia

192.1530, -2.0474, 3.3738

### Deuteranopia

193.9310, -1.9380, 14.9695



## Tritanopia

193.2050, 5.8149, 1.5742

# Trichromacy



## Original Color

191.9570, -1.4578, 0.9147

## Protanomaly

191.8540, -1.9000, 2.7590

## Deuteranomaly

193.0120, -1.4849, 9.6365

## Tritanomaly

192.8090, 3.0522, 1.0445

# Monochromacy



## Original Color

191.9570, -1.4578, 0.9147

## Achromatopsia

192.0000, 0.0000, 0.0000

## Achromatomaly

191.8860, -0.4368, 0.1000

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 191.9570, -1.4578, 0.9147 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(193, 192, 189)` looks like.

```
.text, #text, p{  
    color:rgb(193, 192, 189)  
}
```

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(193, 192, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 192, 189) }
```

## Border

The CSS property to change the border of an element to YUV 191.9570, -1.4578, 0.9147 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(193, 192, 189) }
```



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

```
.border{ border-color:rgb(193, 192, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 192, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 192, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 192, 189);  
box-shadow:4px 4px 4px 4px rgb(193, 192,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 191.9570, -1.4578, 0.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 192, 189) }
```

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

```
.background{ background-color: rgb(193,  
192, 189) }
```

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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