

# Converting Colors

YUV(152.2630, 11.2093,  
-1.9847)

Have a look what the booklet for  
YUV(152.2630, 11.2093, -1.9847)  
contains.

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# Color

**YUV(152.2630, 11.2093,  
-1.9847)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9695AF
RGB	150, 149, 175
RGB Percent	59%, 58%, 69%
CMY	0.4118, 0.4157, 0.3137
CMYK	0.14, 0.15, 0.00, 0.31
HSL	242°, 14%, 64%
HSV	242°, 15%, 69%
XYZ	31.0630, 31.0741, 44.9181
YIQ	152.2630, -7.7500, 8.2980

# Conversions

## Conversions Part 2

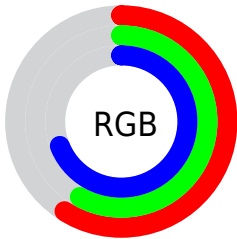
Format	Color
R <sub>Y</sub> B	150, 149, 175
Decimal	9868719
CIE Lab	62.57, 5.74, -13.42
CIE LCh	63, 14.596, 293.167
Yxy	31.0741, 0.2902, 0.2903
Android (android.graphics.Color)	4288058799 (0xFF9695AF)
YUV	152.2630, 11.2093, -1.9847
Hunter-Lab	55.7441, 1.9156, -8.7545

# Details

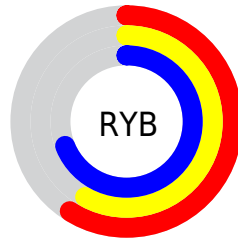
The YUV color **152.2630, 11.2093, -1.9847** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **171.7370, -11.2093, 1.9847**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.4910, 12.0829, -2.1846**, and **101.1490, 10.7725, -1.8847** is the 20% darker color. If you saturate the color by 10%, you get **137.2010, 18.6349, -3.6843**, and if you desaturate by 10%, it is **167.9120, 3.4944, -0.7998**.

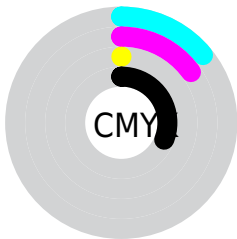
# Distribution



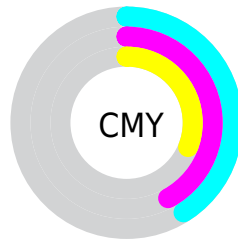
- Red (59%)
- Green (58%)
- Blue (69%)



- Red (59%)
- Yellow (58%)
- Blue (69%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)



- Cyan (41%)
- Magenta (42%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 152.2630, 11.2093, -1.9847 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 152.2630, 11.2093, -1.9847 by changing the saturation by 10% instead.



■ 152.2630, 11.2093,  
-1.9847

■ 152.2630, 11.2093,  
-1.9847

255.0000, 0.0000,  
0.0000

■ 126.1490, 10.7725,  
-1.8847

■ 206.4910, 12.0829,  
-2.1846

■ 101.1490, 10.7725,  
-1.8847

■ 234.3340, 10.1883,  
-1.1699

■ 77.6220, 10.0464,  
-2.2995

■ 54.5080, 9.6096,  
-2.1995

■ 32.9810, 8.8834,  
-2.6143

■ 9.3340, 10.1883,  
-1.1699

■ 0.1140, 0.4368,

-0.1000

0.0000, 0.0000,  
0.0000

152.2630, 11.2093,  
-1.9847

152.2630, 11.2093,  
-1.9847

137.2010, 18.6349,  
-3.6843

167.9120, 3.4944,  
-0.7998

121.5520, 26.3499,  
-4.8691

182.9740, -3.9312,  
0.8998

106.7890, 33.6280,  
-5.9540

198.3240,  
-11.4987, 1.4699

91.1400, 41.3430,  
-7.1388

213.3860,  
-18.9243, 3.1695

76.0780, 48.7685,  
-8.8384

229.0350,  
-26.6393, 4.3543

■ 60.4290, 56.4835,  
-10.0232

■ 244.0970,  
-34.0648, 6.0539

■ 45.3670, 63.9091,  
-11.7229

■ 245.8800,  
-34.9438, 7.9982

■ 29.7180, 71.6240,  
-12.9077

■ 22.0430, 75.4078,  
-13.1927

# Harmonies

## Analogous

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



149.7560, 13.4313, -14.6950



152.2630, 11.2093, -1.9847



153.4880, 6.6614, 10.0960

# Triad

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



152.2630, 11.2093, -1.9847



152.3740, -10.5374, 19.8430



146.9820, 0.5019, -21.0322

# Complementary

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



152.2630, 11.2093, -1.9847



171.7370, -11.2093, 1.9847

# 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.



148.2130, -6.5140, -10.7108



152.2630, 11.2093, -1.9847



151.1620, -12.4049, 12.1359

# Square

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



152.2630, 11.2093, -1.9847



153.6500, -5.7434, 22.2320



150.0250, -11.3513, 0.8551



146.6700, 7.0647, -26.0206



# Rectangle

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



152.2630, 11.2093, -1.9847



153.7940, 2.5666, 16.8437



150.0250, -11.3513, 0.8551



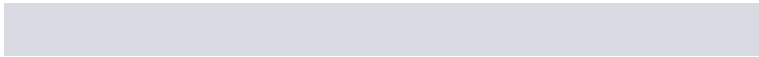
147.0210, -1.9824, -17.5584

# Sweetspot

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



152.2630, 11.2093, -1.9847



219.0260, 3.9312, -0.8998



166.6390, 4.1220, -15.4694



109.6840, 2.6208, -0.5999



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



152.2630, 11.2093, -1.9847



191.2720, 17.6139, -2.8695



156.1500, 9.2931, 6.0075



79.0260, 3.9312, -0.8998



18.8940, 64.6353, -11.3080



2.9210, 9.8989, -1.6847



# Inverse Universe

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



159.6240, 7.0874, 13.4848



202.7050, 10.9914, 21.3067



167.8500, -9.2930, -6.0074



81.6030, 2.1677, 4.7332



61.3800, 41.2247, 77.7197

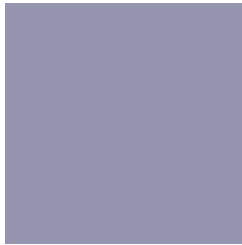


9.3850, 6.2192, 11.9404



# Previews

## White Background



This preview shows how the YUV color 152.2630, 11.2093, -1.9847 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

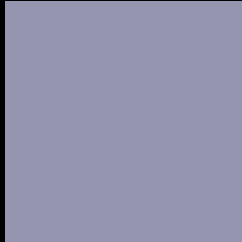
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 152.2630, 11.2093, -1.9847 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 152.2630, 11.2093, -1.9847

## Background



This preview shows how black text looks on a background with the YUV color 152.2630, 11.2093, -1.9847.



This preview shows how white text looks on a background with the YUV color 152.2630, 11.2093, -1.9847.

-1.9847.

# 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

152.2630, 11.2093, -1.9847

### Protanopia

152.0670, 11.7990, -4.4438

### Deuteranopia

152.8720, 10.9091, 0.9893



## Tritanopia

151.4710, 5.6838, -3.0441

# Trichromacy



## Original Color

152.2630, 11.2093, -1.9847

## Protanomaly

152.3660, 11.6516, -3.8290

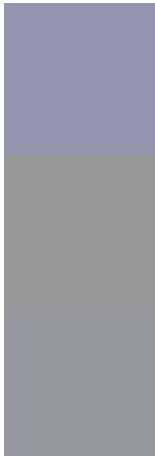
## Deuteranomaly

152.5730, 11.0565, 0.3745

## Tritanomaly

151.6390, 7.5730, -2.3144

# Monochromacy



## Original Color

152.2630, 11.2093, -1.9847

## Achromatopsia

152.0000, 0.0000, 0.0000

## Achromatomaly

152.0260, 3.9312, -0.8998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 152.2630, 11.2093, -1.9847 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(150, 149, 175)` looks like.

```
.text, #text, p{  
    color:rgb(150, 149, 175)  
}
```

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(150, 149, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 149, 175) }
```

## Border

The CSS property to change the border of an element to YUV 152.2630, 11.2093, -1.9847 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(150, 149, 175) }
```



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

```
.border{ border-color:rgb(150, 149, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 149, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 149, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 149, 175);  
box-shadow:4px 4px 4px 4px rgb(150, 149,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 152.2630, 11.2093, -1.9847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 149, 175) }
```

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

```
.background{ background-color: rgb(150,  
149, 175) }
```

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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