

# Converting Colors

YUV(159.7470, -3.3263,  
-53.2751)

Have a look what the booklet for  
YUV(159.7470, -3.3263, -53.2751)  
contains.

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# Color

**YUV(159.7470, -3.3263,  
-53.2751)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63C099
RGB	99, 192, 153
RGB Percent	39%, 75%, 60%
CMY	0.6118, 0.2471, 0.4000
CMYK	0.48, 0.00, 0.20, 0.25
HSL	155°, 42%, 57%
HSV	155°, 48%, 75%
XYZ	29.7450, 42.6518, 36.8019
YIQ	159.7470, -42.9090, -31.8450

# Conversions

## Conversions Part 2

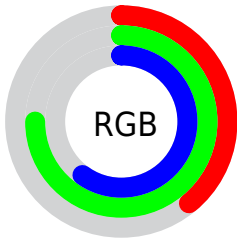
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 158, 192
Decimal	6537369
CIELab	71.32, -36.91, 11.23
CIElCh	71, 38.577, 163.072
Yxy	42.6518, 0.2724, 0.3906
Android (android.graphics.Color)	4284727449 (0xFF63C099)
YUV	159.7470, -3.3263, -53.2751
Hunter-Lab	65.3084, -32.9910, 12.3054

# Details

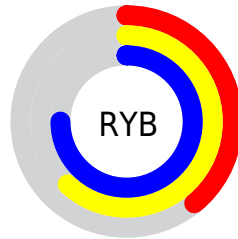
The YUV color **159.7470, -3.3263, -53.2751** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **131.2530, 3.3263, 53.2751**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1060, -4.4893, -53.5900**, and **104.5940, -1.2788, -56.6489** is the 20% darker color. If you saturate the color by 10%, you get **153.1540, -4.0199, -64.1561**, and if you desaturate by 10%, it is **166.3400, -2.6326, -42.3942**.

# Distribution



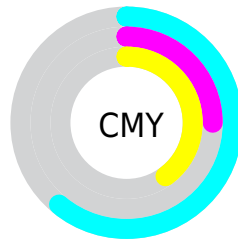
- Red (39%)
- Green (75%)
- Blue (60%)



- Red (39%)
- Yellow (62%)
- Blue (75%)



- Cyan (48%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 159.7470, -3.3263, -53.2751 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 159.7470, -3.3263, -53.2751 by changing the saturation by 10% instead.



■ 159.7470, -3.3263,  
-53.2751

■ 159.7470, -3.3263,  
-53.2751

255.0000, 0.0000,  
0.0000

■ 132.5620, -2.7421,  
-53.9899

■ 216.1060, -4.4893,  
-53.5900

■ 104.5940, -1.2788,  
-56.6489

■ 231.3060, 2.3141,  
-42.3644

■ 74.6360, 1.6585,  
-65.4558

■ 242.1430, 6.3385,  
-26.4354

■ 57.3390, -1.1531,  
-50.2863

■ 250.8140, 2.0637,  
-8.6069

■ 40.7430, -3.8173,  
-35.7316

■ 25.4350, -6.6235,  
-22.3065

■ 5.2830, -2.6045,

-4.6332

■ 0.0000, 0.0000,  
0.0000

■ 159.7470, -3.3263,  
-53.2751

■ 159.7470, -3.3263,  
-53.2751

■ 153.1540, -4.0199,  
-64.1561

■ 166.3400, -2.6326,  
-42.3942

■ 146.5610, -4.7136,  
-75.0370

■ 172.9330, -1.9390,  
-31.5132

■ 139.6690, -5.2598,  
-86.5327

■ 179.8250, -1.3927,  
-20.0175

■ 133.0760, -5.9535,  
-97.4137

■ 186.4180, -0.6991,  
-9.1366

■ 126.4830, -6.6471,  
-108.2946

■ 193.0110, -0.0054,  
1.7444

■ 125.3580, -7.0785,  
-109.9390

■ 199.6040, 0.6882,  
12.6253

■ 206.1970, 1.3819,  
23.5062

■ 213.0890, 1.9281,  
35.0019

■ 214.5990, 5.1277,  
35.4317

# Harmonies

## Analogous

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



166.4340, -21.9060, -20.5516



159.7470, -3.3263, -53.2751



149.4770, 19.4848, -89.8723

# Triad

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



159.7470, -3.3263, -53.2751



173.8040, 34.1136, -21.7531



175.8530, -23.5915, 53.6259

# Complementary

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



159.7470, -3.3263, -53.2751



131.2530, 3.3263, 53.2751

# 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.



177.1860, -8.4727, 57.7189



159.7470, -3.3263, -53.2751



178.8860, 23.2272, 16.7630

# Square

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



159.7470, -3.3263, -53.2751



161.7940, 39.0486, -64.7173



179.4630, 8.1527, 45.1979



174.0390, -32.5572, 35.9228



# Rectangle

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



159.7470, -3.3263, -53.2751



141.3570, 34.8270, -110.8151



179.4630, 8.1527, 45.1979



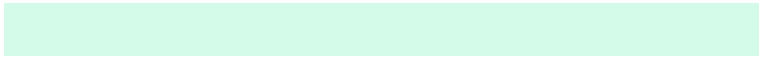
176.4280, -18.9450, 56.6296

# Sweetspot

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



159.7470, -3.3263, -53.2751



236.8140, -1.3873, -21.7619



165.5510, -32.8096, -23.2852



117.0970, -0.5408, -13.2401



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.



159.7470, -3.3263, -53.2751



199.6910, -5.2707, -83.0440



160.6710, 15.4452, -54.0855



93.5540, -0.2731, -5.7479



105.1090, -5.9697, -92.1806



21.5370, -1.2507, -18.8879



# Inverse Universe

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



131.2530, 3.3263, 53.2751



155.3090, 5.2707, 83.0440



130.3290, -15.4452, 54.0855



90.4460, 0.2731, 5.7479



55.7770, 5.5329, 92.2806

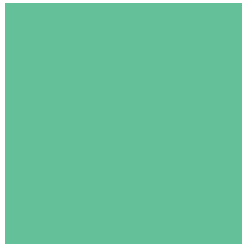


11.4630, 1.2507, 18.8879



# Previews

## White Background



This preview shows how the YUV color 159.7470, -3.3263, -53.2751 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 159.7470, -3.3263, -53.2751 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 159.7470, -3.3263, -53.2751 Background



This preview shows how black text looks on a background with the YUV color 159.7470, -3.3263, -53.2751.



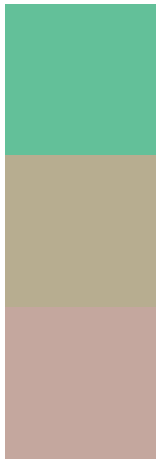
This preview shows how white text looks on a background with the YUV color 159.7470, -3.3263, -53.2751.

-53.2751.

# 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

159.7470, -3.3263, -53.2751

### Protanopia

172.6840, -14.1412, 9.0471

### Deuteranopia

174.6450, -8.2060, 18.7283



## Tritanopia

165.4700, 17.0233, -46.8932

# Trichromacy



## Original Color

159.7470, -3.3263, -53.2751



## Protanomaly

167.8660, -10.2869, -13.9145



## Deuteranomaly

169.2350, -6.5249, -7.2221



## Tritanomaly

163.2110, 9.7560, -49.2970

# Monochromacy



## Original Color

159.7470, -3.3263, -53.2751



## Achromatopsia

160.0000, 0.0000, 0.0000



## Achromatomaly

160.1240, -1.5401, -19.4027

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.7470, -3.3263, -53.2751 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(99, 192, 153)` looks like.

```
.text, #text, p{  
    color:rgb(99, 192, 153)  
}
```

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(99, 192, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 192, 153) }
```

## Border

The CSS property to change the border of an element to YUV 159.7470, -3.3263, -53.2751 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(99, 192, 153) }
```



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

```
.border{ border-color:rgb(99, 192, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 192, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 192, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 192, 153);  
box-shadow:4px 4px 4px 4px rgb(99, 192,  
153) }
```

# Background

The CSS property to change the background color of an element to YUV 159.7470, -3.3263, -53.2751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 192, 153) }
```

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

```
.background{ background-color: rgb(99, 192,  
153) }
```

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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