

# Converting Colors

YUV(153.5790, 14.9976,  
-50.4968)

Have a look what the booklet for  
YUV(153.5790, 14.9976, -50.4968)  
contains.

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# Color

**YUV(153.5790, 14.9976,  
-50.4968)**

# Conversions

## Conversions Part 1

Format	Color
Hex	60B1B8
RGB	96, 177, 184
RGB Percent	38%, 69%, 72%
CMY	0.6235, 0.3059, 0.2784
CMYK	0.48, 0.04, 0.00, 0.28
HSL	185°, 38%, 55%
HSV	185°, 48%, 72%
XYZ	29.1977, 37.3918, 51.0259
YIQ	153.5790, -50.5230, -14.9950

# Conversions

## Conversions Part 2

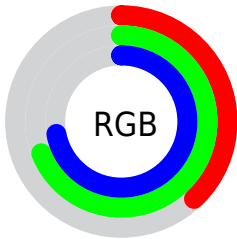
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 138, 184
Decimal	6336952
CIE <sub>Lab</sub>	67.57, -22.84, -11.26
CIE <sub>LCh</sub>	68, 25.470, 206.243
Yxy	37.3918, 0.2482, 0.3179
Android (android.graphics.Color)	4284527032 (0xFF60B1B8)
YUV	153.5790, 14.9976, -50.4968
Hunter-Lab	61.1488, -21.7791, -6.6706

# Details

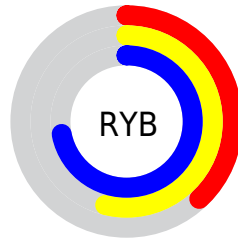
The YUV color **153.5790, 14.9976, -50.4968** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **126.4210, -14.9976, 50.4968**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.5790, 14.9976, -50.4968**, and **98.4860, 16.0294, -54.8002** is the 20% darker color. If you saturate the color by 10%, you get **147.6100, 17.9403, -61.0480**, and if you desaturate by 10%, it is **159.5480, 12.0548, -39.9456**.

# Distribution



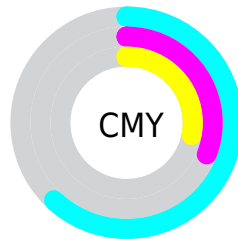
- Red (38%)
- Green (69%)
- Blue (72%)



- Red (38%)
- Yellow (54%)
- Blue (72%)



- Cyan (48%)
- Magenta (4%)
- Yellow (0%)
- Black (28%)



- Cyan (62%)
- Magenta (31%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 153.5790, 14.9976, -50.4968 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 153.5790, 14.9976, -50.4968 by changing the saturation by 10% instead.



■ 153.5790, 14.9976,  
-50.4968

■ 153.5790, 14.9976,  
-50.4968

■ 255.0000, 0.0000,  
0.0000

■ 126.2800, 15.1450,  
-51.1116

■ 209.5790, 14.9976,  
-50.4968

■ 98.4860, 16.0294,  
-54.8002

■ 232.8740, 10.9081,  
-45.4935

■ 70.1970, 17.6509,  
-61.5628

■ 241.2460, 6.7807,  
-28.2797

■ 53.3730, 14.1131,  
-46.8081

■ 250.2160, 2.3585,  
-9.8364

■ 37.2500, 10.7227,  
-32.6683

■ 23.0020, 6.9010,  
-20.1728

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,  
0.0000

■ 153.5790, 14.9976,  
-50.4968

■ 153.5790, 14.9976,  
-50.4968

■ 147.6100, 17.9403,  
-61.0480

■ 159.5480, 12.0548,  
-39.9456

■ 140.7550, 21.3198,  
-71.6991

■ 166.4030, 8.6753,  
-29.2944

■ 134.7860, 24.2625,  
-82.2503

■ 172.3720, 5.7326,  
-18.7432

■ 127.9310, 27.6420,  
-92.9015

■ 179.2270, 2.3531,  
-8.0921

■ 121.9620, 30.5847,  
-103.4527

■ 185.1960, -0.5896,  
2.4591

■ 120.1790, 31.4638,  
-105.3970

■ 191.7520, -3.8217,  
12.4955

■ 198.0200, -6.9119,  
23.6615

■ 204.5760,  
-10.1440, 33.6978

■ 208.7510,  
-12.2022, 40.5604

# Harmonies

## Analogous

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



154.8440, 3.0349, -40.2052



153.5790, 14.9976, -50.4968



156.5610, 22.4014, -45.2190

# Triad

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



153.5790, 14.9976, -50.4968



167.9930, 10.8495, 20.1771



163.6760, -22.0253, 17.8241

# Complementary

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



153.5790, 14.9976, -50.4968



126.4210, -14.9976, 50.4968

# 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.



165.2740, -18.8691, 32.2087



153.5790, 14.9976, -50.4968



168.2200, -0.1085, 34.8871

# Square

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



153.5790, 14.9976, -50.4968



166.4400, 19.5031, -2.1399



167.0820, -10.8864, 38.5161



161.0650, -18.7660, -0.9340



# Rectangle

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



153.5790, 14.9976, -50.4968



160.0940, 24.1107, -33.4084



167.0820, -10.8864, 38.5161



164.1220, -21.7521, 23.5720

# Sweetspot

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



153.5790, 14.9976, -50.4968



228.0730, 5.8800, -19.3580



148.3400, -22.8456, -45.9022



112.5470, 3.6743, -11.8807



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



153.5790, 14.9976, -50.4968



192.5800, 23.3781, -78.5617



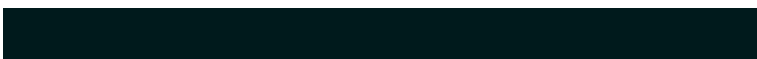
128.3380, 27.4414, -28.3604



88.7220, 1.6161, -5.0182



101.7250, 26.7576, -89.2128



18.4540, 4.7062, -16.1842



# Inverse Universe

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



131.5460, 22.4088, 46.0022



158.3270, 34.8418, 71.6272



151.6620, -27.4414, 28.3604



86.6030, 2.1677, 4.7332



62.9460, 39.4666, 81.6084

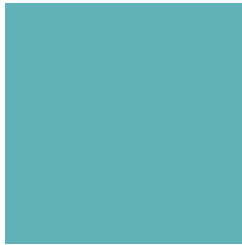


11.3360, 7.2294, 14.6143



# Previews

## White Background



This preview shows how the YUV color 153.5790, 14.9976, -50.4968 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

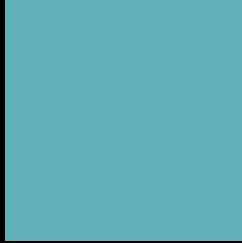
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 153.5790, 14.9976, -50.4968 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

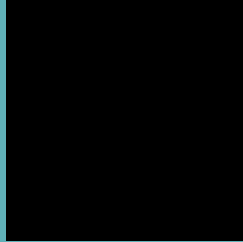
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 153.5790, 14.9976, -50.4968

## Background



This preview shows how black text looks on a background with the YUV color 153.5790, 14.9976, -50.4968.



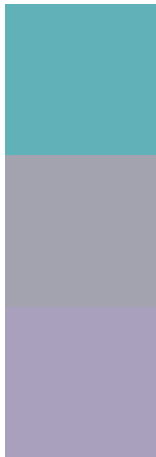
This preview shows how white text looks on a background with the YUV color 153.5790, 14.9976, -50.4968.

-50.4968.

# 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

153.5790, 14.9976, -50.4968

### Protanopia

164.3680, 5.2416, -1.1997

### Deuteranopia

165.5840, 11.0511, 2.1188



## Tritanopia

154.2740, 17.6129, -49.3523

# Trichromacy



## Original Color

153.5790, 14.9976, -50.4968

## Protanomaly

160.4690, 8.6428, -18.8283

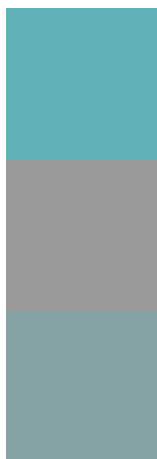
## Deuteranomaly

161.2180, 12.7105, -16.8542

## Tritanomaly

153.7470, 16.8867, -49.7671

# Monochromacy



## Original Color

153.5790, 14.9976, -50.4968

## Achromatopsia

154.0000, 0.0000, 0.0000

## Achromatomaly

153.6710, 5.5852, -18.1285

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.5790, 14.9976, -50.4968 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(96, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(96, 177, 184)  
}
```

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(96, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 177, 184) }
```

## Border

The CSS property to change the border of an element to YUV 153.5790, 14.9976, -50.4968 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(96, 177, 184) }
```



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

```
.border{ border-color:rgb(96, 177, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(96, 177,  
184) }
```

# Background

The CSS property to change the background color of an element to YUV 153.5790, 14.9976, -50.4968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 177, 184) }
```

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

```
.background{ background-color: rgb(96, 177,  
184) }
```

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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