

Converting Colors

YUV(153.7470, 16.8867,
-49.7671)

Have a look what the booklet for
YUV(153.7470, 16.8867, -49.7671)
contains.

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Color

**YUV(153.7470, 16.8867,
-49.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	61B0BC
RGB	97, 176, 188
RGB Percent	38%, 69%, 74%
CMY	0.6196, 0.3098, 0.2627
CMYK	0.48, 0.06, 0.00, 0.26
HSL	188°, 40%, 56%
HSV	188°, 48%, 74%
XYZ	29.5322, 37.2229, 53.2052
YIQ	153.7470, -50.9360, -13.0160

Conversions

Conversions Part 2

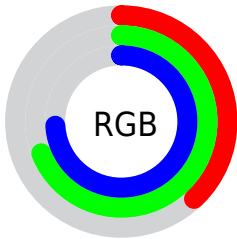
Format	Color
R _Y B	97, 139, 188
Decimal	6402236
CIE Lab	67.44, -21.02, -13.66
CIE LCh	67, 25.068, 213.021
Yxy	37.2229, 0.2462, 0.3103
Android (android.graphics.Color)	4284592316 (0xFF61B0BC)
YUV	153.7470, 16.8867, -49.7671
Hunter-Lab	61.0106, -20.3655, -8.9973

Details

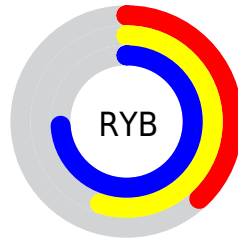
The YUV color **153.7470, 16.8867, -49.7671** is a light color, and the websafe version is hex **669999**. A complement of this color would be **131.2530, -16.8867, 49.7671**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7470, 16.8867, -49.7671**, and **98.6540, 17.9186, -54.0706** is the 20% darker color. If you saturate the color by 10%, you get **146.8920, 20.2662, -60.4183**, and if you desaturate by 10%, it is **160.6020, 13.5072, -39.1160**.

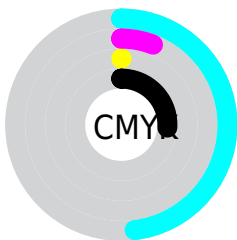
Distribution



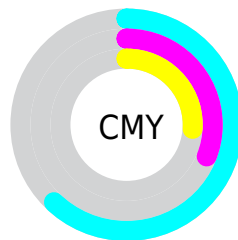
- Red (38%)
- Green (69%)
- Blue (74%)



- Red (38%)
- Yellow (55%)
- Blue (74%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (62%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.7470, 16.8867, -49.7671 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 153.7470, 16.8867, -49.7671 by changing the saturation by 10% instead.

■ 153.7470, 16.8867,
-49.7671

■ 153.7470, 16.8867,
-49.7671

■ 255.0000, 0.0000,
0.0000

■ 126.1490, 17.1815,
-50.9967

■ 209.7470, 16.8867,
-49.7671

■ 98.6540, 17.9186,
-54.0706

■ 233.1730, 10.7607,
-44.8787

■ 69.9520, 19.2507,
-61.3479

■ 241.8440, 6.4859,
-27.0502

■ 53.1280, 15.7129,
-46.5933

■ 250.5150, 2.2111,
-9.2217

■ 37.0050, 12.3225,
-32.4534

■ 22.7570, 8.5008,
-19.9579

■ 2.8670, 8.4466,

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 153.7470, 16.8867,
-49.7671

■ 153.7470, 16.8867,
-49.7671

■ 146.8920, 20.2662,
-60.4183

■ 160.6020, 13.5072,
-39.1160

■ 139.4500, 23.9352,
-70.5546

■ 168.0440, 9.8383,
-28.9796

■ 132.8940, 27.1673,
-80.5910

■ 174.6000, 6.6062,
-18.9432

■ 125.4520, 30.8362,
-90.7274

■ 182.0420, 2.9373,
-8.8068

■ 118.5970, 34.2157,
-101.3786

■ 188.8970, -0.4422,
1.8443

■ 117.1130, 34.9473,
-102.7081

■ 196.3390, -4.1111,
11.9807

■ 203.1940, -7.4906,
22.6319

■ 210.3370,
-11.0121, 32.1535

■ 213.9030,
-12.7702, 36.0421

Harmonies

Analogous

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



154.5170, 5.6611, -42.5494



153.7470, 16.8867, -49.7671



157.1100, 23.1168, -41.3155

Triad

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



153.7470, 16.8867, -49.7671



168.0320, 8.3652, 23.6509



162.4690, -21.4302, 13.6207

Complementary

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



153.7470, 16.8867, -49.7671



131.2530, -16.8867, 49.7671

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.



165.0240, -19.7318, 28.9200



153.7470, 16.8867, -49.7671



167.9490, -2.4399, 36.0017

Square

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



153.7470, 16.8867, -49.7671



166.9030, 17.3028, 3.5931



166.6150, -12.6282, 37.1716



160.2000, -16.8606, -5.4374

Rectangle

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



153.7470, 16.8867, -49.7671



161.0130, 23.6576, -28.0754



166.6150, -12.6282, 37.1716



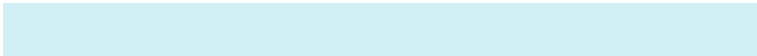
163.8010, -21.5939, 19.4685

Sweetspot

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



153.7470, 16.8867, -49.7671



231.0020, 6.9010, -20.1728



151.6710, -21.5298, -47.9465



113.6610, 4.1111, -11.9807



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



153.7470, 16.8867, -49.7671



191.3890, 26.4302, -77.5172



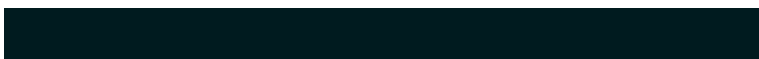
127.9190, 29.6199, -27.1160



90.7220, 1.6161, -5.0182



98.4310, 29.3675, -86.3240



19.3830, 5.7272, -16.9989

Inverse Universe

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



133.2150, 21.0930, 48.0464



159.4800, 32.7944, 75.0010



157.0810, -29.6199, 27.1160



88.6030, 2.1677, 4.7332



62.8600, 36.5510, 83.4378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 153.7470, 16.8867, -49.7671 looks on a white background.

Color Contrast Check

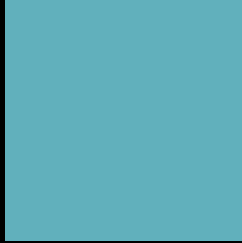
Large Text (above 18pt) WCAG AA × Fail

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 153.7470, 16.8867, -49.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

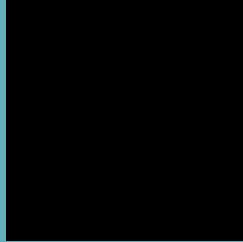
Any Text WCAG AA ✓ Pass

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 153.7470, 16.8867, -49.7671 Background



This preview shows how black text looks on a background with the YUV color 153.7470, 16.8867, -49.7671.



This preview shows how white text looks on a background with the YUV color 153.7470, 16.8867, -49.7671.

-49.7671.

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

153.7470, 16.8867, -49.7671

Protanopia

163.9380, 7.4256, -1.6996

Deuteranopia

164.8550, 13.3825, 1.0042



Tritanopia

154.2740, 17.6129, -49.3523

Trichromacy



Original Color

153.7470, 16.8867, -49.7671

Protanomaly

160.0390, 10.8268, -19.3282

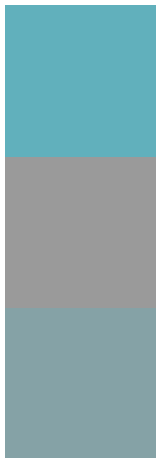
Deuteranomaly

160.7880, 14.8945, -17.3541

Tritanomaly

154.1600, 17.1761, -49.2523

Monochromacy



Original Color

153.7470, 16.8867, -49.7671

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.7850, 6.0220, -18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7470, 16.8867, -49.7671 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(97, 176, 188)` looks like.

```
.text, #text, p{  
    color:rgb(97, 176, 188)  
}
```

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(97, 176, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 176, 188) }
```

Border

The CSS property to change the border of an element to YUV 153.7470, 16.8867, -49.7671 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(97, 176, 188) }
```


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

```
.border{ border-color:rgb(97, 176, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 176, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 176, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 176, 188);  
box-shadow:4px 4px 4px 4px rgb(97, 176,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 153.7470, 16.8867, -49.7671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 176, 188) }
```

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

```
.background{ background-color: rgb(97, 176,  
188) }
```

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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