

Converting Colors

YUV(160.7470, 16.8867,
-49.7671)

Have a look what the booklet for
YUV(160.7470, 16.8867, -49.7671)
contains.

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Color

**YUV(160.7470, 16.8867,
-49.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	68B7C3
RGB	104, 183, 195
RGB Percent	41%, 72%, 76%
CMY	0.5922, 0.2824, 0.2353
CMYK	0.47, 0.06, 0.00, 0.24
HSL	188°, 43%, 59%
HSV	188°, 47%, 76%
XYZ	32.4927, 40.7502, 57.7828
YIQ	160.7470, -50.9360, -13.0160

Conversions

Conversions Part 2

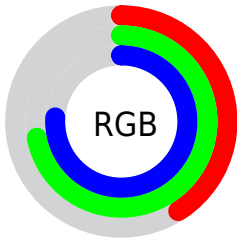
Format	Color
RYB	104, 146, 195
Decimal	6862787
CIELab	70.00, -21.08, -13.65
CIELCh	70, 25.112, 212.918
Yxy	40.7502, 0.2480, 0.3110
Android (android.graphics.Color)	4285052867 (0xFF68B7C3)
YUV	160.7470, 16.8867, -49.7671
Hunter-Lab	63.8359, -20.8554, -8.9829

Details

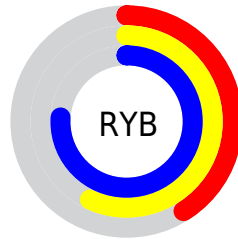
The YUV color **160.7470, 16.8867, -49.7671** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **138.2530, -16.8867, 49.7671**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.8610, 17.3235, -49.8671**, and **105.8390, 17.3344, -53.3558** is the 20% darker color. If you saturate the color by 10%, you get **153.3050, 20.5556, -59.9035**, and if you desaturate by 10%, it is **168.1890, 13.2178, -39.6308**.

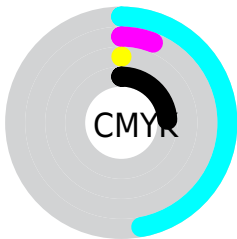
Distribution



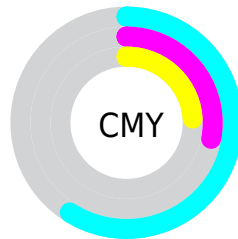
- Red (41%)
- Green (72%)
- Blue (76%)



- Red (41%)
- Yellow (57%)
- Blue (76%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (24%)



- Cyan (59%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.7470, 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 160.7470, 16.8867, -49.7671 by changing the saturation by 10% instead.

■ 160.7470, 16.8867,
-49.7671

■ 160.7470, 16.8867,
-49.7671

■ 255.0000, 0.0000,
0.0000

■ 133.4480, 17.0341,
-50.3819

■ 216.8610, 17.3235,
-49.8671

■ 105.8390, 17.3344,
-53.3558

■ 235.2660, 9.7289,
-40.5753

■ 74.2720, 20.5719,
-65.1365

■ 243.9370, 5.4541,
-22.7467

■ 57.3340, 16.5973,
-50.2819

■ 252.6080, 1.1793,
-4.9182

■ 41.2110, 13.2070,
-36.1420

■ 25.6750, 9.5272,
-22.5170

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 160.7470, 16.8867,
-49.7671

■ 160.7470, 16.8867,
-49.7671

■ 153.3050, 20.5556,
-59.9035

■ 168.1890, 13.2178,
-39.6308

■ 146.1510, 24.0826,
-71.1694

■ 175.3430, 9.6909,
-28.3648

■ 138.7090, 27.7515,
-81.3058

■ 183.0840, 5.8746,
-17.6137

■ 131.5550, 31.2784,
-92.5717

■ 189.9390, 2.4951,
-6.9625

■ 124.1130, 34.9473,
-102.7081

■ 197.6800, -1.3212,
3.7886

■ 121.4330, 36.2685,
-106.4967

■ 204.5350, -4.7008,
14.4398

■ 212.2760, -8.5171,
25.1909

■ 218.2230,
-11.4489, 32.2534

■ 219.3970,
-12.0277, 31.2238

Harmonies

Analogous

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



161.5170, 5.6611, -42.5494



160.7470, 16.8867, -49.7671



164.1100, 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.



160.7470, 16.8867, -49.7671



175.0320, 8.3652, 23.6509



169.7680, -21.5776, 14.2355

Complementary

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



160.7470, 16.8867, -49.7671



138.2530, -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.



171.9100, -20.1686, 29.0199



160.7470, 16.8867, -49.7671



174.9490, -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.



160.7470, 16.8867, -49.7671



173.3160, 17.5922, 4.1079



173.5010, -13.0650, 37.2716



167.0860, -17.2974, -5.3374

Rectangle

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



160.7470, 16.8867, -49.7671



168.0130, 23.6576, -28.0754



173.5010, -13.0650, 37.2716



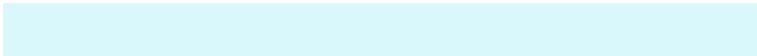
170.6870, -22.0307, 19.5685

Sweetspot

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



160.7470, 16.8867, -49.7671



239.1870, 6.3168, -19.4580



158.6710, -21.5298, -47.9465



119.6610, 4.1111, -11.9807



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



160.7470, 16.8867, -49.7671



199.2750, 25.9934, -77.4172



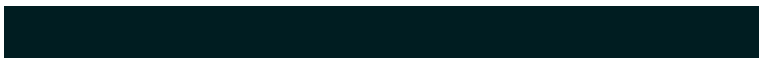
134.9190, 29.6199, -27.1160



93.4230, 1.7635, -5.6330



99.9470, 30.0991, -87.6535



20.7850, 6.0220, -18.2284

Inverse Universe

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



140.2150, 21.0930, 48.0464



167.1810, 32.9418, 74.3863



164.0810, -29.6199, 27.1160



91.0160, 2.4571, 5.2480



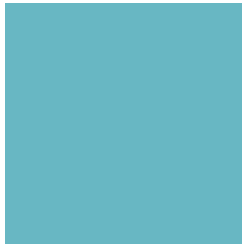
63.9850, 36.9824, 85.0822



13.1730, 7.8027, 17.3883

Previews

White Background



This preview shows how the YUV color 160.7470, 16.8867, -49.7671 looks on a white background.

Color Contrast Check

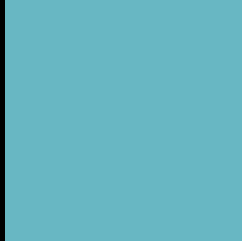
Large Text (above 18pt) WCAG AA × Fail

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 160.7470, 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 160.7470, 16.8867, -49.7671 Background



This preview shows how black text looks on a background with the YUV color 160.7470, 16.8867, -49.7671.



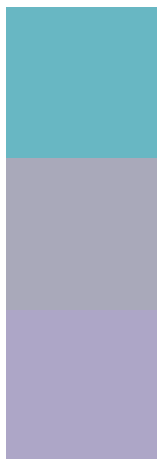
This preview shows how white text looks on a background with the YUV color 160.7470, 16.8867, -49.7671.

-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

160.7470, 16.8867, -49.7671

Protanopia

170.9380, 7.4256, -1.6996

Deuteranopia

171.8550, 13.3825, 1.0042



Tritanopia

161.2740, 17.6129, -49.3523

Trichromacy



Original Color

160.7470, 16.8867, -49.7671

Protanomaly

167.0390, 10.8268, -19.3282

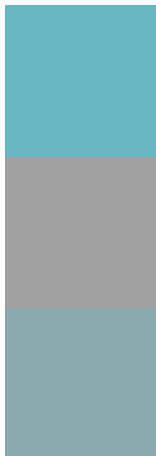
Deuteranomaly

167.7880, 14.8945, -17.3541

Tritanomaly

161.1600, 17.1761, -49.2523

Monochromacy



Original Color

160.7470, 16.8867, -49.7671

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.7850, 6.0220, -18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.7470, 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(104, 183, 195)` looks like.

```
.text, #text, p{  
    color:rgb(104, 183, 195)  
}
```

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(104, 183, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 183, 195) }
```

Border

The CSS property to change the border of an element to YUV 160.7470, 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(104, 183, 195) }
```


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

```
.border{ border-color:rgb(104, 183, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 183, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 183, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 183, 195);  
box-shadow:4px 4px 4px 4px rgb(104, 183,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 160.7470, 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(104, 183, 195) }
```

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

```
.background{ background-color: rgb(104,  
183, 195) }
```

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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