

Converting Colors

YUV(168.6990, 16.4174,
-39.2010)

Have a look what the booklet for
YUV(168.6990, 16.4174, -39.2010)
contains.

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Color

**YUV(168.6990, 16.4174,
-39.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB9CA
RGB	124, 185, 202
RGB Percent	49%, 73%, 79%
CMY	0.5137, 0.2745, 0.2078
CMYK	0.39, 0.08, 0.00, 0.21
HSL	193°, 42%, 64%
HSV	193°, 39%, 79%
XYZ	36.3218, 43.2473, 62.3103
YIQ	168.6990, -41.8130, -7.6450

Conversions

Conversions Part 2

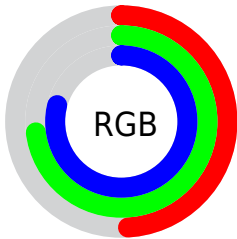
Format	Color
RYB	124, 158, 202
Decimal	8174026
CIELab	71.72, -15.28, -14.80
CIELCh	72, 21.270, 224.095
Yxy	43.2473, 0.2560, 0.3048
Android (android.graphics.Color)	4286364106 (0xFF7CB9CA)
YUV	168.6990, 16.4174, -39.2010
Hunter-Lab	65.7627, -16.4961, -10.1436

Details

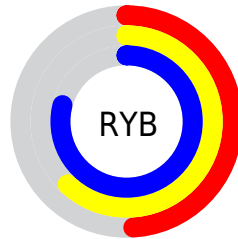
The YUV color **168.6990, 16.4174, -39.2010** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **157.3010, -16.4174, 39.2010**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.0580, 15.2544, -39.5159**, and **115.2860, 16.1280, -39.7158** is the 20% darker color. If you saturate the color by 10%, you get **160.3710, 20.5231, -49.4374**, and if you desaturate by 10%, it is **177.0270, 12.3117, -28.9647**.

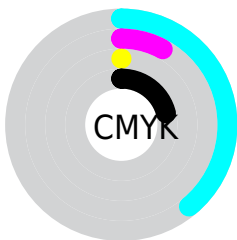
Distribution



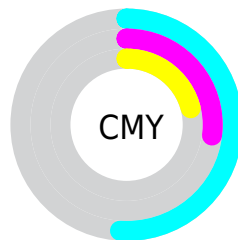
- Red (49%)
- Green (73%)
- Blue (79%)



- Red (49%)
- Yellow (62%)
- Blue (79%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6990, 16.4174, -39.2010 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 168.6990, 16.4174, -39.2010 by changing the saturation by 10% instead.

■ 168.6990, 16.4174,
-39.2010

■ 168.6990, 16.4174,
-39.2010

255.0000, 0.0000,
0.0000

■ 141.6990, 16.4174,
-39.2010

■ 224.0580, 15.2544,
-39.5159

■ 115.2860, 16.1280,
-39.7158

■ 240.9470, 6.9281,
-28.8945

■ 89.2750, 16.1334,
-41.4602

■ 249.6180, 2.6533,
-11.0660

■ 60.0890, 18.1971,
-50.0671

■ 43.0690, 15.2490,
-37.7715

■ 27.5330, 11.5692,
-24.1464

■ 11.0510, 9.3419,

-9.6917

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 168.6990, 16.4174,
-39.2010

■ 168.6990, 16.4174,
-39.2010

■ 160.3710, 20.5231,
-49.4374

■ 177.0270, 12.3117,
-28.9647

■ 151.4560, 24.9182,
-59.1589

■ 185.9420, 7.9166,
-19.2431

■ 142.8290, 29.1713,
-70.0100

■ 194.5690, 3.6635,
-8.3920

■ 133.9140, 33.5664,
-79.7316

■ 203.4840, -0.7316,
1.3295

■ 125.5860, 37.6721,
-89.9679

■ 211.8120, -4.8373,
11.5659

■ 117.2580, 41.7778,
-100.2043

■ 220.1400, -8.9430,
21.8022

■ 115.7740, 42.5094,
-101.5338

■ 226.0650,
-11.8640, 25.3760

■ 228.4130,
-13.0216, 23.3168

■ 231.3480,
-14.4686, 20.7428

Harmonies

Analogous

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



167.8210, 7.9762, -38.4310



168.6990, 16.4174, -39.2010



172.2750, 19.5844, -28.3052

Triad

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



168.6990, 16.4174, -39.2010



179.1910, 3.8498, 25.2655



173.7500, -17.6247, 6.3582

Complementary

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



168.6990, 16.4174, -39.2010



157.3010, -16.4174, 39.2010

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.



176.0230, -18.2523, 21.0278



168.6990, 16.4174, -39.2010



178.7160, -5.7760, 32.6981

Square

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



168.6990, 16.4174, -39.2010



178.6820, 12.4818, 9.9259



177.6420, -13.6275, 31.0090



171.7200, -12.1870, -11.1554

Rectangle

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



168.6990, 16.4174, -39.2010



175.2380, 19.1097, -15.9947



177.6420, -13.6275, 31.0090



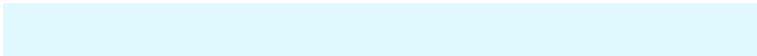
174.5550, -18.5146, 11.7913

Sweetspot

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



168.6990, 16.4174, -39.2010



241.6220, 6.5954, -15.4545



171.7240, -15.1469, -41.8539



120.2700, 3.8109, -9.0068



0.0000, 0.0000, 0.0000



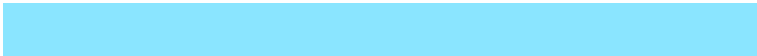
128.0000, 0.0000, 0.0000

Same Dimension

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



168.6990, 16.4174, -39.2010



204.7550, 24.7708, -58.5441



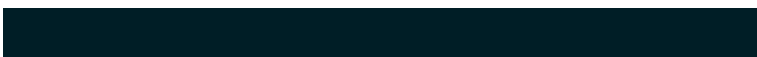
145.8060, 27.7036, -19.1239



97.8360, 2.0529, -5.1182



95.2340, 34.8876, -83.5202



21.9420, 7.9166, -19.2431

Inverse Universe

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



154.2760, 15.1469, 41.8539



183.3570, 22.5020, 62.8309



180.1940, -27.7036, 19.1239



95.9020, 2.0203, 5.3479



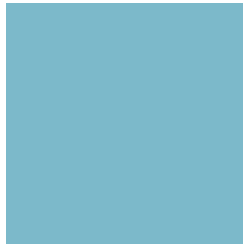
64.4540, 32.3142, 89.0558



14.7820, 7.5025, 20.3622

Previews

White Background



This preview shows how the YUV color 168.6990, 16.4174, -39.2010 looks on a white background.

Color Contrast Check

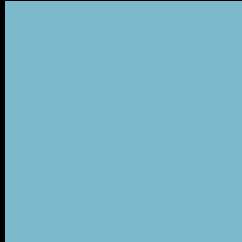
Large Text (above 18pt) WCAG AA × Fail

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 168.6990, 16.4174, -39.2010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

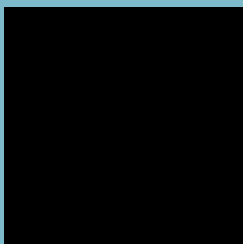
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

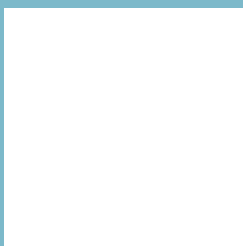
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.6990, 16.4174, -39.2010

Background



This preview shows how black text looks on a background with the YUV color 168.6990, 16.4174, -39.2010.



This preview shows how white text looks on a background with the YUV color 168.6990, 16.4174, -39.2010.

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

168.6990, 16.4174, -39.2010

Protanopia

175.7960, 9.4676, -3.3291

Deuteranopia

176.9690, 13.8193, 0.9042



Tritanopia

168.4710, 15.5438, -39.0011

Trichromacy



Original Color

168.6990, 16.4174, -39.2010

Protanomaly

173.4030, 12.1263, -16.1394

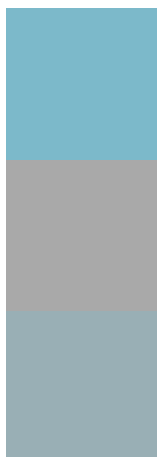
Deuteranomaly

173.8100, 14.8837, -13.8654

Tritanomaly

168.5850, 15.9806, -39.1010

Monochromacy



Original Color

168.6990, 16.4174, -39.2010

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.1060, 5.8637, -14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6990, 16.4174, -39.2010 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(124, 185, 202)` looks like.

```
.text, #text, p{  
    color:rgb(124, 185, 202)  
}
```

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(124, 185, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 185, 202) }
```

Border

The CSS property to change the border of an element to YUV 168.6990, 16.4174, -39.2010 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(124, 185, 202) }
```


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

```
.border{ border-color:rgb(124, 185, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 185, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 185, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 185, 202);  
box-shadow:4px 4px 4px 4px rgb(124, 185,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 168.6990, 16.4174, -39.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 185, 202) }
```

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

```
.background{ background-color: rgb(124,  
185, 202) }
```

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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