

Converting Colors

YUV(166.4710, 15.5438,
-39.0011)

Have a look what the booklet for
YUV(166.4710, 15.5438, -39.0011)
contains.

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Color

**YUV(166.4710, 15.5438,
-39.0011)**

Conversions

Conversions Part 1

Format	Color
Hex	7AB7C6
RGB	122, 183, 198
RGB Percent	48%, 72%, 78%
CMY	0.5216, 0.2824, 0.2235
CMYK	0.38, 0.08, 0.00, 0.22
HSL	192°, 40%, 63%
HSV	192°, 38%, 78%
XYZ	35.1526, 42.0818, 59.6959
YIQ	166.4710, -41.1710, -8.2670

Conversions

Conversions Part 2

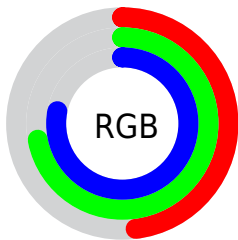
Format	Color
R _Y B	122, 156, 198
Decimal	8042438
CIE Lab	70.93, -15.78, -13.82
CIE LCh	71, 20.977, 221.197
Yxy	42.0818, 0.2567, 0.3073
Android (android.graphics.Color)	4286232518 (0xFF7AB7C6)
YUV	166.4710, 15.5438, -39.0011
Hunter-Lab	64.8705, -16.7962, -9.1513

Details

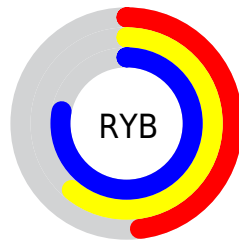
The YUV color **166.4710, 15.5438, -39.0011** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **153.5290, -15.5438, 39.0011**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.2860, 16.1280, -39.7158**, and **113.0580, 15.2544, -39.5159** is the 20% darker color. If you saturate the color by 10%, you get **158.1430, 19.6495, -49.2374**, and if you desaturate by 10%, it is **174.7990, 11.4381, -28.7647**.

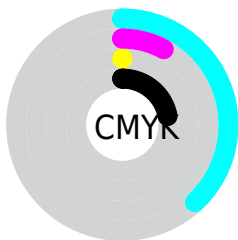
Distribution



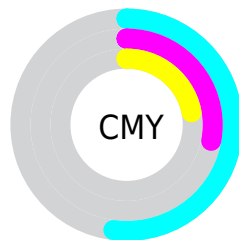
- Red (48%)
- Green (72%)
- Blue (78%)



- Red (48%)
- Yellow (61%)
- Blue (78%)



- Cyan (38%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (52%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4710, 15.5438, -39.0011 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 166.4710, 15.5438, -39.0011 by changing the saturation by 10% instead.

■ 166.4710, 15.5438,
-39.0011

■ 166.4710, 15.5438,
-39.0011

255.0000, 0.0000,
0.0000

■ 139.4710, 15.5438,
-39.0011

■ 222.2860, 16.1280,
-39.7158

■ 113.0580, 15.2544,
-39.5159

■ 240.3490, 7.2229,
-30.1241

■ 87.1610, 15.6966,
-41.3602

■ 249.0200, 2.9481,
-12.2955

■ 57.9750, 17.7603,
-49.9671

■ 41.4390, 14.0806,
-36.3420

■ 26.6040, 10.5482,
-23.3317

■ 7.7740, 9.4784,

-6.8178

■ 0.0000, 0.0000,
0.0000

■ 166.4710, 15.5438,
-39.0011

■ 166.4710, 15.5438,
-39.0011

■ 158.1430, 19.6495,
-49.2374

■ 174.7990, 11.4381,
-28.7647

■ 149.8150, 23.7552,
-59.4738

■ 183.1270, 7.3324,
-18.5284

■ 141.7860, 27.7135,
-69.0953

■ 191.1560, 3.3741,
-8.9068

■ 133.4580, 31.8192,
-79.3317

■ 199.4840, -0.7316,
1.3295

■ 125.1300, 35.9249,
-89.5680

■ 207.8120, -4.8373,
11.5659

■ 117.3890, 39.7412,
-100.3192

■ 215.5530, -8.6536,
22.3170

■ 115.9050, 40.4728,
-101.6487

■ 222.0870,
-11.8749, 28.8647

■ 224.4350,
-13.0325, 26.8055

■ 226.7830,
-14.1900, 24.7463

Harmonies

Analogous

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



165.8920, 6.9552, -37.6163



166.4710, 15.5438, -39.0011



169.8620, 19.2950, -28.8200

Triad

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



166.4710, 15.5438, -39.0011



176.7070, 4.5814, 23.9360



172.3480, -17.9196, 7.5878

Complementary

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



166.4710, 15.5438, -39.0011



153.5290, -15.5438, 39.0011

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.



173.8490, -17.6736, 22.0574



166.4710, 15.5438, -39.0011



176.6450, -4.7550, 31.8833

Square

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



166.4710, 15.5438, -39.0011



176.0840, 12.7766, 8.6963



175.7560, -13.1907, 30.9090



169.6170, -12.6292, -9.3111

Rectangle

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



166.4710, 15.5438, -39.0011



172.2270, 19.1151, -17.7391



175.7560, -13.1907, 30.9090



172.9680, -18.2252, 12.3061

Sweetspot

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



166.4710, 15.5438, -39.0011



242.2090, 6.3060, -15.9693



168.2080, -15.8785, -40.5244



120.2700, 3.8109, -9.0068



0.0000, 0.0000, 0.0000



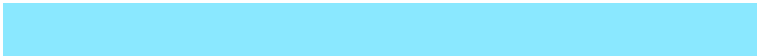
128.0000, 0.0000, 0.0000

Same Dimension

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



166.4710, 15.5438, -39.0011



206.5160, 23.9026, -60.0885



144.7520, 26.2513, -19.9535



95.1350, 1.9054, -4.5034



95.4790, 33.2879, -83.7351



21.1270, 7.3324, -18.5284

Inverse Universe

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



151.6780, 15.4417, 40.6244



183.6990, 23.8124, 62.5310



175.2480, -26.2513, 19.9535



93.4890, 1.7309, 4.8331



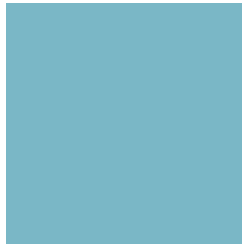
63.6710, 33.1932, 87.1115



14.0700, 7.3605, 19.2326

Previews

White Background



This preview shows how the YUV color 166.4710, 15.5438, -39.0011 looks on a white background.

Color Contrast Check

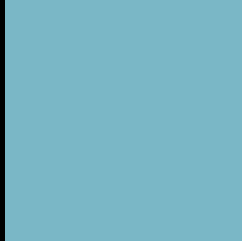
Large Text (above 18pt) WCAG AA × Fail

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 166.4710, 15.5438, -39.0011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

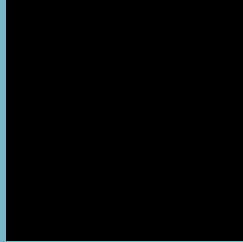
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

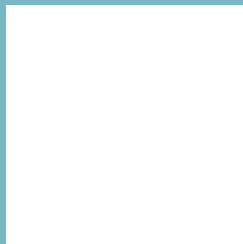
Any Text WCAG AAA ✓ Pass

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

YUV 166.4710, 15.5438, -39.0011 Background



This preview shows how black text looks on a background with the YUV color 166.4710, 15.5438, -39.0011.



This preview shows how white text looks on a background with the YUV color 166.4710, 15.5438, -39.0011.

-39.0011.

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

166.4710, 15.5438, -39.0011

Protanopia

173.8670, 8.4466, -2.5144

Deuteranopia

174.7410, 12.9457, 1.1041



Tritanopia

166.4710, 15.5438, -39.0011

Trichromacy



Original Color

166.4710, 15.5438, -39.0011

Protanomaly

171.1750, 11.2527, -15.9395

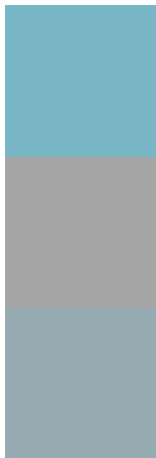
Deuteranomaly

171.5820, 14.0101, -13.6654

Tritanomaly

166.4710, 15.5438, -39.0011

Monochromacy



Original Color

166.4710, 15.5438, -39.0011

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1060, 5.8637, -14.1250

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4710, 15.5438, -39.0011 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(122, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(122, 183, 198)  
}
```

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(122, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 183, 198) }
```

Border

The CSS property to change the border of an element to YUV 166.4710, 15.5438, -39.0011 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(122, 183, 198) }
```


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

```
.border{ border-color:rgb(122, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(122, 183,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 166.4710, 15.5438, -39.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 183, 198) }
```

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

```
.background{ background-color: rgb(122,  
183, 198) }
```

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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