

Converting Colors

YUV(160.9270, 17.2910,
-39.4010)

Have a look what the booklet for
YUV(160.9270, 17.2910, -39.4010)
contains.

YUV(160.9270, 17.2910, -39.4010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(160.9270, 17.2910,
-39.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	74B1C4
RGB	116, 177, 196
RGB Percent	45%, 69%, 77%
CMY	0.5451, 0.3059, 0.2314
CMYK	0.41, 0.10, 0.00, 0.23
HSL	194°, 40%, 61%
HSV	194°, 41%, 77%
XYZ	32.8884, 39.1428, 58.0465
YIQ	160.9270, -42.4550, -7.0230

Conversions

Conversions Part 2

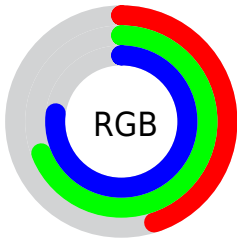
Format	Color
R _{YB}	116, 151, 196
Decimal	7647684
CIE _{Lab}	68.85, -14.73, -15.87
CIE _{LCh}	69, 21.649, 227.135
Yxy	39.1428, 0.2528, 0.3009
Android (android.graphics.Color)	4285837764 (0xFF74B1C4)
YUV	160.9270, 17.2910, -39.4010
Hunter-Lab	62.5642, -15.6545, -11.2137

Details

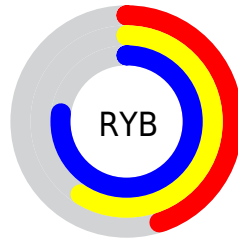
The YUV color **160.9270, 17.2910, -39.4010** is a light color, and the websafe version is hex **669999**. A complement of this color would be **151.0730, -17.2910, 39.4010**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7420, 17.8752, -40.1157**, and **107.5140, 17.0016, -39.9158** is the 20% darker color. If you saturate the color by 10%, you get **152.0120, 21.6861, -49.1225**, and if you desaturate by 10%, it is **169.8420, 12.8959, -29.6794**.

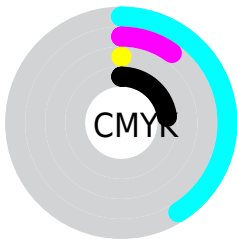
Distribution



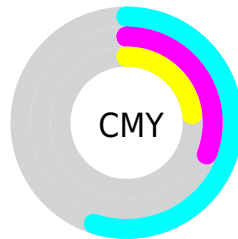
- Red (45%)
- Green (69%)
- Blue (77%)



- Red (45%)
- Yellow (59%)
- Blue (77%)



- Cyan (41%)
- Magenta (10%)
- Yellow (0%)
- Black (23%)



- Cyan (55%)
- Magenta (31%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.9270, 17.2910, -39.4010 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 160.9270, 17.2910, -39.4010 by changing the saturation by 10% instead.

■ 160.9270, 17.2910,
-39.4010

■ 160.9270, 17.2910,
-39.4010

■ 255.0000, 0.0000,
0.0000

■ 133.9270, 17.2910,
-39.4010

■ 216.7420, 17.8752,
-40.1157

■ 107.5140, 17.0016,
-39.9158

■ 238.5550, 8.1074,
-33.8127

■ 81.0190, 17.7386,
-42.9897

■ 246.9270, 3.9800,
-16.5990

■ 54.5130, 18.4811,
-47.8079

■ 38.8630, 14.3645,
-34.0829

■ 23.4410, 11.1216,
-20.5578

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 160.9270, 17.2910,
-39.4010

■ 160.9270, 17.2910,
-39.4010

■ 152.0120, 21.6861,
-49.1225

■ 169.8420, 12.8959,
-29.6794

■ 143.9830, 25.6444,
-58.7441

■ 177.8710, 8.9376,
-20.0579

■ 135.0680, 30.0395,
-68.4656

■ 186.7860, 4.5425,
-10.3363

■ 126.4520, 34.2872,
-77.5724

■ 195.4020, 0.2948,
-1.2296

■ 118.1240, 38.3929,
-87.8087

■ 203.7300, -3.8109,
9.0068

■ 109.8070, 42.4931,
-96.3007

■ 212.6450, -8.2060,
18.7283

■ 221.2610,
-12.4537, 27.8351

■ 224.2070,
-13.9061, 27.0055

■ 227.1420,
-15.3530, 24.4315

Harmonies

Analogous

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



159.5650, 9.5815, -39.9605



160.9270, 17.2910, -39.4010



164.5140, 20.4526, -26.7608

Triad

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



160.9270, 17.2910, -39.4010



171.5610, 2.6814, 26.6950



165.7390, -17.6193, 4.6139

Complementary

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



160.9270, 17.2910, -39.4010



151.0730, -17.2910, 39.4010

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.



168.1970, -18.8311, 19.9982



160.9270, 17.2910, -39.4010



170.7870, -6.7970, 33.5128

Square

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



160.9270, 17.2910, -39.4010



170.8780, 11.8921, 12.3850



169.7020, -14.6431, 30.0793



163.9370, -11.3079, -13.0997

Rectangle

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



160.9270, 17.2910, -39.4010



167.3630, 19.5410, -14.3504



169.7020, -14.6431, 30.0793



166.5440, -18.5092, 10.0469

Sweetspot

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



160.9270, 17.2910, -39.4010



241.6220, 6.5954, -15.4545



165.1260, -14.8521, -43.0835



119.6830, 4.1003, -8.4920



0.0000, 0.0000, 0.0000



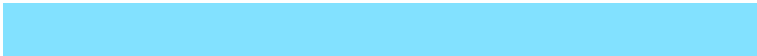
128.0000, 0.0000, 0.0000

Same Dimension

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



160.9270, 17.2910, -39.4010



200.0150, 27.1076, -61.4032



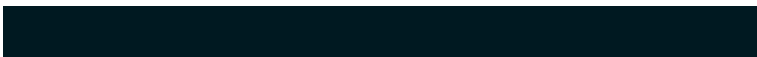
137.4470, 28.8666, -18.8090



92.8360, 2.0529, -5.1182



89.9680, 35.0188, -78.9019



18.4370, 7.1796, -16.1692

Inverse Universe

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



146.8740, 14.8521, 43.0835



178.2050, 23.0699, 67.3492



174.5530, -28.8666, 18.8090



90.9020, 2.0203, 5.3479



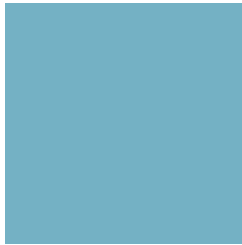
62.0470, 29.5568, 86.7818



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 160.9270, 17.2910, -39.4010 looks on a white background.

Color Contrast Check

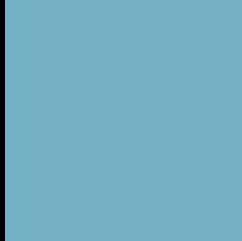
Large Text (above 18pt) WCAG AA × Fail

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 160.9270, 17.2910, -39.4010 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

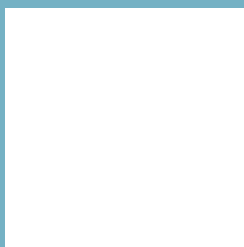
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 160.9270, 17.2910, -39.4010

Background



This preview shows how black text looks on a background with the YUV color 160.9270, 17.2910, -39.4010.



This preview shows how white text looks on a background with the YUV color 160.9270, 17.2910,

-39.4010.

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

160.9270, 17.2910, -39.4010

Protanopia

168.0240, 10.3412, -3.5290

Deuteranopia

168.5990, 14.9877, -0.5253



Tritanopia

160.7590, 15.4018, -40.1306

Trichromacy



Original Color

160.9270, 17.2910, -39.4010

Protanomaly

165.6310, 12.9999, -16.3394

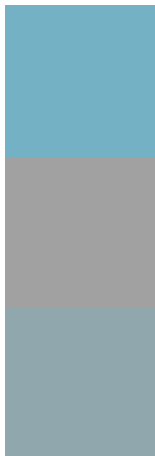
Deuteranomaly

165.7390, 15.9047, -14.6801

Tritanomaly

160.8730, 15.8386, -40.2306

Monochromacy



Original Color

160.9270, 17.2910, -39.4010

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.2200, 6.3005, -14.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.9270, 17.2910, -39.4010 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(116, 177, 196)` looks like.

```
.text, #text, p{  
    color:rgb(116, 177, 196)  
}
```

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(116, 177, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 177, 196) }
```

Border

The CSS property to change the border of an element to YUV 160.9270, 17.2910, -39.4010 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(116, 177, 196) }
```


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

```
.border{ border-color:rgb(116, 177, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 177, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 177, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 177, 196);  
box-shadow:4px 4px 4px 4px rgb(116, 177,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 160.9270, 17.2910, -39.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 177, 196) }
```

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

```
.background{ background-color: rgb(116,  
177, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor