

Converting Colors

YUV(160.2440, 2.8377,
-70.3740)

Have a look what the booklet for
YUV(160.2440, 2.8377, -70.3740)
contains.

YUV(160.2440, 2.8377, -70.3740)	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(160.2440, 2.8377,
-70.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	50C8A6
RGB	80, 200, 166
RGB Percent	31%, 78%, 65%
CMY	0.6863, 0.2157, 0.3490
CMYK	0.60, 0.00, 0.17, 0.22
HSL	163°, 52%, 55%
HSV	163°, 60%, 78%
XYZ	30.8455, 45.7672, 43.2846
YIQ	160.2440, -60.6060, -36.0140

Conversions

Conversions Part 2

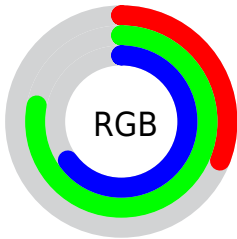
Format	Color
RYB	80, 150, 200
Decimal	5294246
CIELab	73.39, -41.72, 7.07
CIElCh	73, 42.314, 170.381
Yxy	45.7672, 0.2573, 0.3817
Android (android.graphics.Color)	4283484326 (0xFF50C8A6)
YUV	160.2440, 2.8377, -70.3740
Hunter-Lab	67.6515, -37.0035, 9.4212

Details

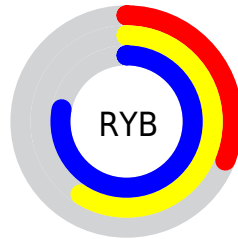
The YUV color **160.2440, 2.8377, -70.3740** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **119.7560, -2.8377, 70.3740**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7390, 2.1007, -67.3001**, and **98.1110, 7.8333, -86.0433** is the 20% darker color. If you saturate the color by 10%, you get **153.5800, 3.1651, -82.0697**, and if you desaturate by 10%, it is **166.9080, 2.5104, -58.6783**.

Distribution



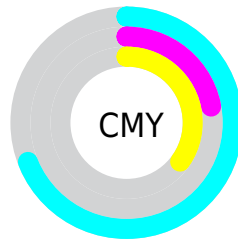
- Red (31%)
- Green (78%)
- Blue (65%)



- Red (31%)
- Yellow (59%)
- Blue (78%)



- Cyan (60%)
- Magenta (0%)
- Yellow (17%)
- Black (22%)



- Cyan (69%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.2440, 2.8377, -70.3740 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 160.2440, 2.8377, -70.3740 by changing the saturation by 10% instead.

■ 160.2440, 2.8377,
-70.3740

■ 160.2440, 2.8377,
-70.3740

■ 255.0000, 0.0000,
0.0000

■ 130.6780, 4.5957,
-74.2626

■ 216.7390, 2.1007,
-67.3001

■ 98.1110, 7.8333,
-86.0433

■ 228.7160, 10.4930,
-52.3709

■ 80.1130, 4.8743,
-70.2591

■ 238.2560, 8.2548,
-34.4275

■ 62.1150, 1.9153,
-54.4749

■ 246.9270, 3.9800,
-16.5990

■ 45.5190, -0.7489,
-39.9202

■ 29.6240, -3.2656,
-25.9802

■ 11.7400, -5.7878,

-10.2960

■ 0.0000, 0.0000,
0.0000

■ 160.2440, 2.8377,
-70.3740

■ 160.2440, 2.8377,
-70.3740

■ 153.5800, 3.1651,
-82.0697

■ 166.9080, 2.5104,
-58.6783

■ 147.0300, 3.9292,
-93.8653

■ 173.4580, 1.7462,
-46.8827

■ 140.3660, 4.2566,
-105.5610

■ 180.1220, 1.4189,
-35.1870

■ 133.7020, 4.5839,
-117.2567

■ 186.7860, 1.0915,
-23.4913

■ 193.3360, 0.3274,
-11.6957

■ 200.0000, 0.0000,
0.0000

■ 206.6640, -0.3274,
11.6957

■ 213.2140, -1.0915,
23.4913

■ 218.3830, -0.6818,
32.1131

Harmonies

Analogous

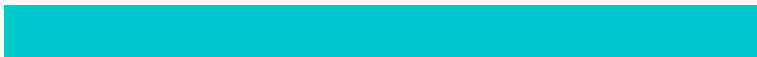
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.2370, -19.8368, -30.9028



160.2440, 2.8377, -70.3740



141.4710, 31.8128, -124.0701

Triad

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



160.2440, 2.8377, -70.3740



181.2010, 35.3969, -13.3313



180.7840, -28.9805, 55.4404

Complementary

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



160.2440, 2.8377, -70.3740



119.7560, -2.8377, 70.3740

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.



182.5520, -13.5831, 63.5369



160.2440, 2.8377, -70.3740



185.6100, 21.8843, 27.5290

Square

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



160.2440, 2.8377, -70.3740



168.4290, 42.6795, -62.6432



184.6060, 4.6312, 54.7195



178.4640, -37.2038, 32.9191

Rectangle

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



160.2440, 2.8377, -70.3740



142.9190, 42.4379, -125.3400



184.6060, 4.6312, 54.7195



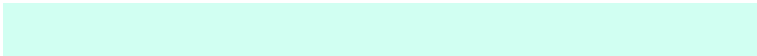
181.3700, -24.3394, 60.1885

Sweetspot

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



160.2440, 2.8377, -70.3740



239.7640, 1.1023, -26.9800



160.6060, -39.7388, -40.8735



118.4170, 0.7804, -17.0287



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.



160.2440, 2.8377, -70.3740



194.0560, 4.4094, -107.9201



148.8580, 25.2130, -60.3885



96.0810, 0.4531, -5.3330



109.0190, 3.9346, -95.6097



24.0960, 0.9387, -21.1322

Inverse Universe

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



119.7560, -2.8377, 70.3740



131.9440, -4.4094, 107.9201



131.1420, -25.2130, 60.3885



92.9190, -0.4531, 5.3330



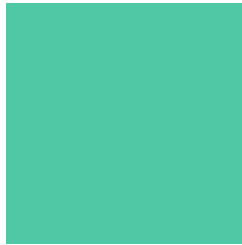
53.9810, -3.9346, 95.6097



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 160.2440, 2.8377, -70.3740 looks on a white background.

Color Contrast Check

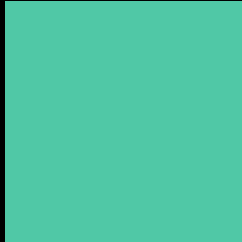
Large Text (above 18pt) WCAG AA × Fail

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 160.2440, 2.8377, -70.3740 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

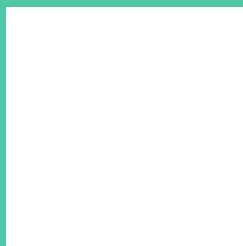
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 160.2440, 2.8377, -70.3740

Background



This preview shows how black text looks on a background with the YUV color 160.2440, 2.8377, -70.3740.



This preview shows how white text looks on a background with the YUV color 160.2440, 2.8377, -70.3740.

-70.3740.

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

160.2440, 2.8377, -70.3740

Protanopia

178.3680, -11.5204, 8.4473

Deuteranopia

180.6600, -4.2694, 16.0842



Tritanopia

166.5220, 21.4347, -61.8478

Trichromacy



Original Color

160.2440, 2.8377, -70.3740



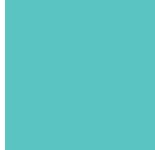
Protanomaly

171.8590, -6.3395, -20.0473



Deuteranomaly

173.4450, -1.6984, -15.2993



Tritanomaly

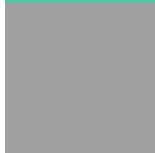
164.0780, 14.7515, -64.9664

Monochromacy



Original Color

160.2440, 2.8377, -70.3740



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.3620, 0.8075, -25.7505

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.2440, 2.8377, -70.3740 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(80, 200, 166)` looks like.

```
.text, #text, p{  
    color:rgb(80, 200, 166)  
}
```

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(80, 200, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 200, 166) }
```

Border

The CSS property to change the border of an element to YUV 160.2440, 2.8377, -70.3740 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(80, 200, 166) }
```


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

```
.border{ border-color:rgb(80, 200, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 200, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 200, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 200, 166);  
box-shadow:4px 4px 4px 4px rgb(80, 200,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 160.2440, 2.8377, -70.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 200, 166) }
```

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

```
.background{ background-color: rgb(80, 200,  
166) }
```

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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