

Converting Colors

YUV(160.4070, 2.2643,
-73.1479)

Have a look what the booklet for
YUV(160.4070, 2.2643, -73.1479)
contains.

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Color

**YUV(160.4070, 2.2643,
-73.1479)**

Conversions

Conversions Part 1

Format	Color
Hex	4DCAA5
RGB	77, 202, 165
RGB Percent	30%, 79%, 65%
CMY	0.6980, 0.2078, 0.3529
CMYK	0.62, 0.00, 0.18, 0.21
HSL	162°, 54%, 55%
HSV	162°, 62%, 79%
XYZ	30.9726, 46.5355, 42.9471
YIQ	160.4070, -62.6230, -38.0070

Conversions

Conversions Part 2

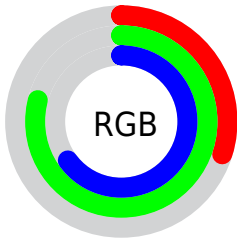
Format	Color
RYB	77, 150, 202
Decimal	5098149
CIELab	73.89, -43.39, 8.31
CIElCh	74, 44.180, 169.157
Yxy	46.5355, 0.2571, 0.3863
Android (android.graphics.Color)	4283288229 (0xFF4DCAA5)
YUV	160.4070, 2.2643, -73.1479
Hunter-Lab	68.2169, -38.3349, 10.4248

Details

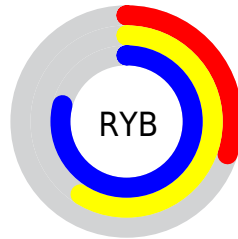
The YUV color **160.4070, 2.2643, -73.1479** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **118.5930, -2.2643, 73.1479**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.0270, 1.9587, -68.4297**, and **99.1710, 6.8177, -86.9730** is the 20% darker color. If you saturate the color by 10%, you get **153.7430, 2.5917, -84.8436**, and if you desaturate by 10%, it is **167.0710, 1.9370, -61.4523**.

Distribution



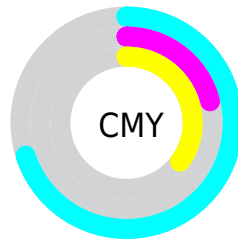
- Red (30%)
- Green (79%)
- Blue (65%)



- Red (30%)
- Yellow (59%)
- Blue (79%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (70%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.4070, 2.2643, -73.1479 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 160.4070, 2.2643, -73.1479 by changing the saturation by 10% instead.

■ 160.4070, 2.2643,
-73.1479

■ 160.4070, 2.2643,
-73.1479

■ 255.0000, 0.0000,
0.0000

■ 130.2430, 4.3172,
-78.2661

■ 216.0270, 1.9587,
-68.4297

■ 99.1710, 6.8177,
-86.9730

■ 228.0040, 10.3510,
-53.5005

■ 81.1730, 3.8587,
-71.1887

■ 237.6580, 8.5496,
-35.6571

■ 63.1750, 0.8997,
-55.4045

■ 246.6280, 4.1274,
-17.2138

■ 45.9920, -1.4751,
-40.3350

■ 30.2110, -3.5550,
-26.4950

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 160.4070, 2.2643,
-73.1479

■ 160.4070, 2.2643,
-73.1479

■ 153.7430, 2.5917,
-84.8436

■ 167.0710, 1.9370,
-61.4523

■ 147.0790, 2.9191,
-96.5393

■ 173.7350, 1.6096,
-49.7566

■ 140.1160, 3.3938,
-108.8497

■ 180.6980, 1.1349,
-37.4461

■ 134.7620, 3.5683,
-118.1863

■ 187.3620, 0.8075,
-25.7505

■ 194.0260, 0.4802,
-14.0548

■ 200.6900, 0.1528,
-2.3591

■ 207.3540, -0.1745,
9.3365

■ 214.3170, -0.6493,
21.6470

■ 219.7850, -0.3870,
30.8836

Harmonies

Analogous

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



170.4820, -21.4366, -31.1177



160.4070, 2.2643, -73.1479



142.7590, 31.6708, -125.1996

Triad

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



160.4070, 2.2643, -73.1479



181.7060, 36.1339, -16.4052



181.9800, -29.5701, 57.8995

Complementary

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



160.4070, 2.2643, -73.1479



118.5930, -2.2643, 73.1479

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.



182.1930, -12.4201, 63.8517



160.4070, 2.2643, -73.1479



186.4790, 23.9209, 27.6439

Square

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



160.4070, 2.2643, -73.1479



166.9120, 43.4274, -69.2058



185.9590, 5.9362, 56.1640



179.4320, -38.6670, 35.5781

Rectangle

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



160.4070, 2.2643, -73.1479



144.4350, 43.1695, -126.6695



185.9590, 5.9362, 56.1640



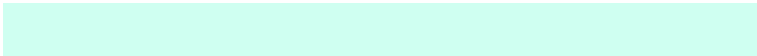
182.5660, -24.9290, 62.6476

Sweetspot

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



160.4070, 2.2643, -73.1479



239.0520, 0.9604, -28.1096



161.7370, -41.7753, -40.9883



118.0040, 0.4910, -17.5435



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.



160.4070, 2.2643, -73.1479



192.1050, 3.3992, -110.5941



149.9500, 25.6607, -63.9771



98.6680, 0.1637, -5.8478



110.7800, 3.0665, -97.1541



25.3840, 0.7967, -22.2618

Inverse Universe

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



118.5930, -2.2643, 73.1479



128.8950, -3.3992, 110.5941



129.0500, -25.6606, 63.9772



95.3320, -0.1637, 5.8478



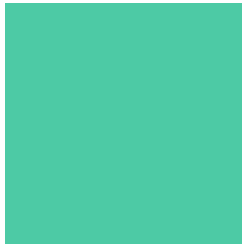
55.2200, -3.0665, 97.1541



12.6160, -0.7967, 22.2618

Previews

White Background



This preview shows how the YUV color 160.4070, 2.2643, -73.1479 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 160.4070, 2.2643, -73.1479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

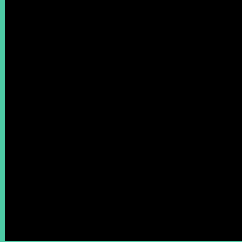
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

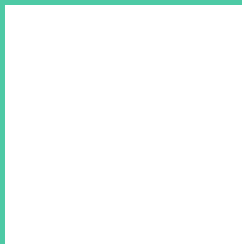
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 160.4070, 2.2643, -73.1479

Background



This preview shows how black text looks on a background with the YUV color 160.4070, 2.2643, -73.1479.



This preview shows how white text looks on a background with the YUV color 160.4070, 2.2643,

-73.1479.

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

160.4070, 2.2643, -73.1479

Protanopia

180.0260, -12.8308, 8.7472

Deuteranopia

181.7310, -5.2904, 16.8989



Tritanopia

167.2120, 21.5875, -64.2069

Trichromacy



Original Color

160.4070, 2.2643, -73.1479



Protanomaly

172.9190, -7.3551, -20.9770



Deuteranomaly

173.9180, -2.4246, -15.7141



Tritanomaly

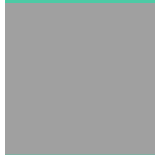
164.6540, 14.4676, -67.2256

Monochromacy



Original Color

160.4070, 2.2643, -73.1479



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.0630, 0.9549, -26.3653

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.4070, 2.2643, -73.1479 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(77, 202, 165)` looks like.

```
.text, #text, p{  
    color:rgb(77, 202, 165)  
}
```

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(77, 202, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 202, 165) }
```

Border

The CSS property to change the border of an element to YUV 160.4070, 2.2643, -73.1479 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(77, 202, 165) }
```


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

```
.border{ border-color:rgb(77, 202, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 202, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 202, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 202, 165);  
box-shadow:4px 4px 4px 4px rgb(77, 202,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 160.4070, 2.2643, -73.1479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 202, 165) }
```

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

```
.background{ background-color: rgb(77, 202,  
165) }
```

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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