

Converting Colors

YUV(160.7760, 2.5754,
-79.6106)

Have a look what the booklet for
YUV(160.7760, 2.5754, -79.6106)
contains.

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Color

**YUV(160.7760, 2.5754,
-79.6106)**

Conversions

Conversions Part 1

Format	Color
Hex	46CEA6
RGB	70, 206, 166
RGB Percent	27%, 81%, 65%
CMY	0.7255, 0.1922, 0.3490
CMYK	0.66, 0.00, 0.19, 0.19
HSL	162°, 58%, 54%
HSV	162°, 66%, 81%
XYZ	31.4800, 48.1979, 43.7203
YIQ	160.7760, -68.2160, -41.2720

Conversions

Conversions Part 2

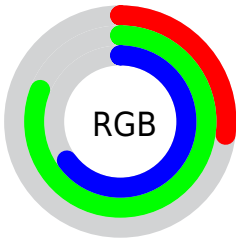
Format	Color
RYB	70, 150, 206
Decimal	4640422
CIELab	74.95, -46.08, 9.26
CIElCh	75, 47.004, 168.638
Yxy	48.1979, 0.2551, 0.3906
Android (android.graphics.Color)	4282830502 (0xFF46CEA6)
YUV	160.7760, 2.5754, -79.6106
Hunter-Lab	69.4247, -40.5539, 11.2593

Details

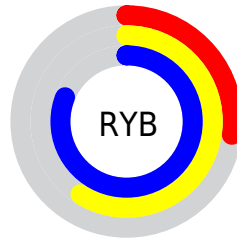
The YUV color **160.7760, 2.5754, -79.6106** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **115.2240, -2.5754, 79.6106**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6460, 3.1325, -71.6035**, and **101.6330, 6.0969, -89.1321** is the 20% darker color. If you saturate the color by 10%, you get **153.8130, 3.0502, -91.9210**, and if you desaturate by 10%, it is **167.7390, 2.1007, -67.3001**.

Distribution



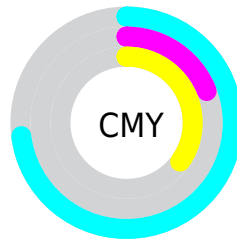
- Red (27%)
- Green (81%)
- Blue (65%)



- Red (27%)
- Yellow (59%)
- Blue (81%)



- Cyan (66%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (73%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.7760, 2.5754, -79.6106 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 160.7760, 2.5754, -79.6106 by changing the saturation by 10% instead.

■ 160.7760, 2.5754,
-79.6106

■ 160.7760, 2.5754,
-79.6106

255.0000, 0.0000,
0.0000

■ 128.8180, 5.5127,
-88.4174

■ 214.6460, 3.1325,
-71.6035

■ 101.6330, 6.0969,
-89.1321

■ 226.9220, 11.3775,
-56.0596

■ 83.0480, 3.4273,
-72.8331

■ 236.4620, 9.1392,
-38.1162

■ 65.0500, 0.4684,
-57.0488

■ 245.4320, 4.7170,
-19.6729

■ 47.8670, -1.9064,
-41.9794

254.4020, 0.2948,
-1.2296

■ 31.9720, -4.4232,
-28.0394

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 160.7760, 2.5754,
-79.6106

■ 160.7760, 2.5754,
-79.6106

■ 153.8130, 3.0502,
-91.9210

■ 167.7390, 2.1007,
-67.3001

■ 147.1490, 3.3775,
-103.6167

■ 174.4030, 1.7733,
-55.6044

■ 140.1860, 3.8523,
-115.9271

■ 181.3660, 1.2986,
-43.2940

■ 137.4520, 3.7212,
-120.5454

■ 188.0300, 0.9712,
-31.5983

■ 194.9930, 0.4965,
-19.2879

■ 201.9560, 0.0217,
-6.9774

■ 208.6200, -0.3057,
4.7183

■ 215.5830, -0.7804,
17.0287

■ 222.3610, -0.6710,
28.6244

Harmonies

Analogous

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



172.7160, -23.0310, -33.0769



160.7760, 2.5754, -79.6106



145.5630, 32.2604, -127.6588

Triad

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



160.7760, 2.5754, -79.6106



182.8800, 35.5552, -17.4348



184.5460, -31.3282, 61.7882

Complementary

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



160.7760, 2.5754, -79.6106



115.2240, -2.5754, 79.6106

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.



182.4210, -11.5466, 63.6518



160.7760, 2.5754, -79.6106



189.6470, 25.8100, 28.3736

Square

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



160.7760, 2.5754, -79.6106



165.9710, 43.8913, -78.0276



188.0240, 7.3832, 58.7380



182.1720, -41.0038, 38.4372

Rectangle

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



160.7760, 2.5754, -79.6106



147.3530, 44.1960, -129.2286



188.0240, 7.3832, 58.7380



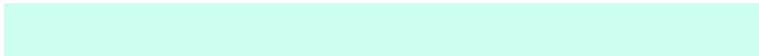
183.5660, -24.9290, 62.6476

Sweetspot

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



160.7760, 2.5754, -79.6106



238.0410, 0.9658, -29.8540



162.0910, -45.4009, -44.8068



117.7050, 0.6384, -18.1583



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.



160.7760, 2.5754, -79.6106



188.1750, 3.8577, -117.6715



149.4870, 27.8609, -69.7101



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.



115.2240, -2.5754, 79.6106



120.8250, -3.8577, 117.6715



126.5130, -27.8609, 69.7101



95.3320, -0.1637, 5.8478



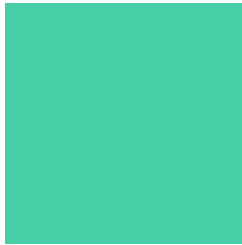
55.2200, -3.0665, 97.1541



12.6160, -0.7967, 22.2618

Previews

White Background



This preview shows how the YUV color 160.7760, 2.5754, -79.6106 looks on a white background.

Color Contrast Check

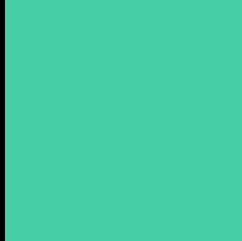
Large Text (above 18pt) WCAG AA × Fail

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 160.7760, 2.5754, -79.6106 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

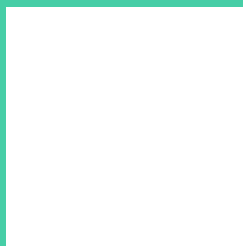
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 160.7760, 2.5754, -79.6106

Background



This preview shows how black text looks on a background with the YUV color 160.7760, 2.5754, -79.6106.



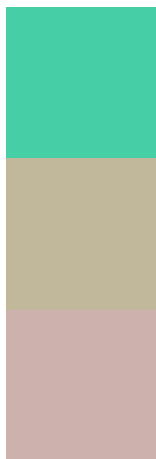
This preview shows how white text looks on a background with the YUV color 160.7760, 2.5754,

-79.6106.

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

160.7760, 2.5754, -79.6106

Protanopia

182.6840, -14.1412, 9.0471

Deuteranopia

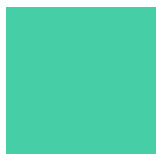
184.8020, -6.3114, 17.7136



Tritanopia

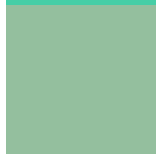
168.2330, 23.0561, -68.6103

Trichromacy



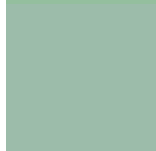
Original Color

160.7760, 2.5754, -79.6106



Protanomaly

174.3810, -8.0758, -23.1361



Deuteranomaly

176.3800, -3.1453, -17.8733



Tritanomaly

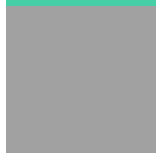
165.8490, 15.3574, -72.6586

Monochromacy



Original Color

160.7760, 2.5754, -79.6106



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.7530, 1.1078, -28.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.7760, 2.5754, -79.6106 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(70, 206, 166)` looks like.

```
.text, #text, p{  
    color:rgb(70, 206, 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(70, 206, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 206, 166) }
```

Border

The CSS property to change the border of an element to YUV 160.7760, 2.5754, -79.6106 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(70, 206, 166) }
```


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

```
.border{ border-color:rgb(70, 206, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 206, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 206, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 206, 166);  
box-shadow:4px 4px 4px 4px rgb(70, 206,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 160.7760, 2.5754, -79.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 206, 166) }
```

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

```
.background{ background-color: rgb(70, 206,  
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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