

Converting Colors

YUV(160.9810, 8.3904,
-78.0363)

Have a look what the booklet for
YUV(160.9810, 8.3904, -78.0363)
contains.

YUV(160.9810, 8.3904, -78.0363)	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(160.9810, 8.3904,
-78.0363)**

Conversions

Conversions Part 1

Format	Color
Hex	48CBB2
RGB	72, 203, 178
RGB Percent	28%, 80%, 70%
CMY	0.7176, 0.2039, 0.3020
CMYK	0.65, 0.00, 0.12, 0.20
HSL	169°, 56%, 54%
HSV	169°, 65%, 80%
XYZ	32.0643, 47.3039, 49.5601
YIQ	160.9810, -70.0510, -35.5470

Conversions

Conversions Part 2

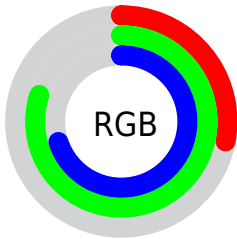
Format	Color
RYB	72, 144, 203
Decimal	4770738
CIELab	74.38, -41.52, 1.99
CIElCh	74, 41.564, 177.259
Yxy	47.3039, 0.2487, 0.3669
Android (android.graphics.Color)	4282960818 (0xFF48CBB2)
YUV	160.9810, 8.3904, -78.0363
Hunter-Lab	68.7779, -37.1444, 5.4212

Details

The YUV color **160.9810, 8.3904, -78.0363** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **114.0190, -8.3904, 78.0363**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.4270, 8.6635, -72.2885**, and **101.1260, 11.7699, -88.6875** is the 20% darker color. If you saturate the color by 10%, you get **154.5450, 9.5913, -89.9320**, and if you desaturate by 10%, it is **167.4170, 7.1894, -66.1407**.

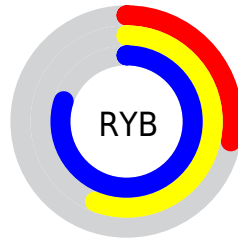
Distribution



Red (28%)

Green (80%)

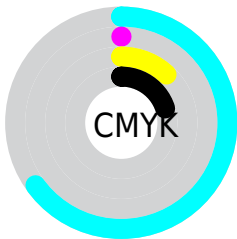
Blue (70%)



Red (28%)

Yellow (56%)

Blue (80%)

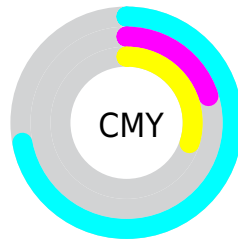


Cyan (65%)

Magenta (0%)

Yellow (12%)

Black (20%)



Cyan (72%)

Magenta (20%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.9810, 8.3904, -78.0363 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 160.9810, 8.3904, -78.0363 by changing the saturation by 10% instead.

160.9810, 8.3904,
-78.0363

160.9810, 8.3904,
-78.0363

255.0000, 0.0000,
0.0000

129.5070, 10.5960,
-85.5136

216.4270, 8.6635,
-72.2885

101.1260, 11.7699,
-88.6875

227.7910, 13.4140,
-55.9447

83.1280, 8.8109,
-72.9033

236.7610, 8.9918,
-37.5014

65.1300, 5.8519,
-57.1190

245.7310, 4.5696,
-19.0581

47.8330, 3.0403,
-41.9495

31.9380, 0.5236,
-28.0096

15.2280, -2.5774,

-13.3550

■ 0.0000, 0.0000,
0.0000

■ 160.9810, 8.3904,
-78.0363

■ 160.9810, 8.3904,
-78.0363

■ 154.5450, 9.5913,
-89.9320

■ 167.4170, 7.1894,
-66.1407

■ 147.8100, 10.9397,
-102.4424

■ 174.1520, 5.8411,
-53.6303

■ 141.3740, 12.1406,
-114.3380

■ 180.5880, 4.6401,
-41.7347

■ 137.8570, 12.8885,
-120.9006

■ 186.9100, 3.0024,
-29.7391

■ 193.6450, 1.6540,
-17.2287

■ 200.0810, 0.4531,
-5.3330

■ 206.5170, -0.7479,
6.5626

■ 212.9530, -1.9488,
18.4582

■ 219.6880, -3.2972,
30.9686

Harmonies

Analogous

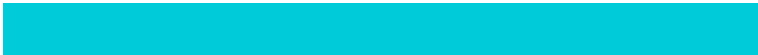
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.7460, -15.1578, -38.3652



160.9810, 8.3904, -78.0363



143.8990, 36.0388, -126.1994

Triad

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



160.9810, 8.3904, -78.0363



185.1700, 32.4542, -2.7801



183.1810, -31.1482, 50.7073

Complementary

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



160.9810, 8.3904, -78.0363



114.0190, -8.3904, 78.0363

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.



184.3300, -16.9247, 61.9776



160.9810, 8.3904, -78.0363



188.3290, 18.0788, 34.7915

Square

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



160.9810, 8.3904, -78.0363



175.0070, 39.4365, -49.1181



186.8900, 0.5472, 57.9785



180.2460, -36.6033, 26.9713

Rectangle

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



160.9810, 8.3904, -78.0363



144.5320, 46.0797, -126.7546



186.8900, 0.5472, 57.9785



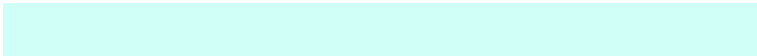
183.8380, -27.5281, 56.2701

Sweetspot

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



160.9810, 8.3904, -78.0363



239.6220, 3.1444, -28.6095



156.6710, -41.7428, -51.4545



118.3460, 1.8014, -17.8434



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.



160.9810, 8.3904, -78.0363



192.1780, 12.7302, -116.7971



140.9380, 30.5966, -60.4586



98.7820, 0.6005, -5.9478



112.7180, 10.4920, -98.8537



25.8400, 2.5439, -22.6617

Inverse Universe

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



114.0190, -8.3904, 78.0363



121.8220, -12.7302, 116.7971



134.0620, -30.5966, 60.4586



95.2180, -0.6005, 5.9478



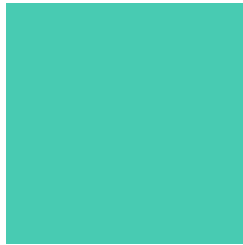
53.2820, -10.4920, 98.8537



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 160.9810, 8.3904, -78.0363 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 160.9810, 8.3904, -78.0363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

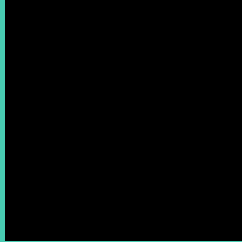
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

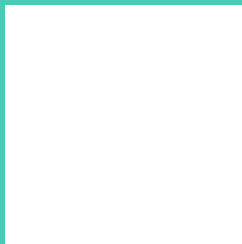
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 160.9810, 8.3904, -78.0363

Background



This preview shows how black text looks on a background with the YUV color 160.9810, 8.3904, -78.0363.



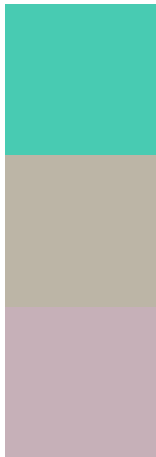
This preview shows how white text looks on a background with the YUV color 160.9810, 8.3904,

-78.0363.

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

160.9810, 8.3904, -78.0363

Protanopia

181.3830, -7.5838, 5.8031

Deuteranopia

183.4900, 0.2514, 12.7253



Tritanopia

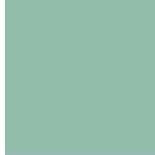
166.6350, 23.3509, -69.8399

Trichromacy



Original Color

160.9810, 8.3904, -78.0363



Protanomaly

173.9770, -1.9607, -24.5358



Deuteranomaly

175.3780, 3.2646, -20.5025



Tritanomaly

164.8320, 17.8308, -72.6437

Monochromacy



Original Color

160.9810, 8.3904, -78.0363



Achromatopsia

161.0000, 0.0000, 0.0000



Achromatomaly

160.9210, 2.9969, -27.9947

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.9810, 8.3904, -78.0363 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(72, 203, 178)` looks like.

```
.text, #text, p{  
    color:rgb(72, 203, 178)  
}
```

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(72, 203, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 203, 178) }
```

Border

The CSS property to change the border of an element to YUV 160.9810, 8.3904, -78.0363 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(72, 203, 178) }
```


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

```
.border{ border-color:rgb(72, 203, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 203, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 203, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 203, 178);  
box-shadow:4px 4px 4px 4px rgb(72, 203,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 160.9810, 8.3904, -78.0363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 203, 178) }
```

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

```
.background{ background-color: rgb(72, 203,  
178) }
```

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