

Converting Colors

YUV(160.3260, 18.5733,
-77.4619)

Have a look what the booklet for
YUV(160.3260, 18.5733, -77.4619)
contains.

YUV(160.3260, 18.5733, -77.4619)	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(160.3260, 18.5733,
-77.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	48C6C6
RGB	72, 198, 198
RGB Percent	28%, 78%, 78%
CMY	0.7176, 0.2235, 0.2235
CMYK	0.64, 0.00, 0.00, 0.22
HSL	180°, 52%, 53%
HSV	180°, 64%, 78%
XYZ	33.0596, 45.8431, 60.5323
YIQ	160.3260, -75.0960, -26.7120

Conversions

Conversions Part 2

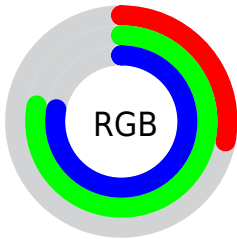
Format	Color
RYB	72, 135, 198
Decimal	4769478
CIELab	73.44, -33.90, -10.24
CIElCh	73, 35.412, 196.806
Yxy	45.8431, 0.2371, 0.3288
Android (android.graphics.Color)	4282959558 (0xFF48C6C6)
YUV	160.3260, 18.5733, -77.4619
Hunter-Lab	67.7075, -31.3318, -5.6115

Details

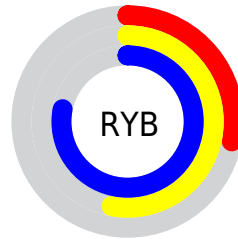
The YUV color **160.3260, 18.5733, -77.4619** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **109.6740, -18.5733, 77.4619**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1200, 17.6888, -73.7732**, and **100.9440, 21.2266, -88.5279** is the 20% darker color. If you saturate the color by 10%, you get **154.3460, 21.5214, -89.7574**, and if you desaturate by 10%, it is **166.3060, 15.6251, -65.1664**.

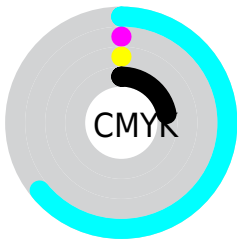
Distribution



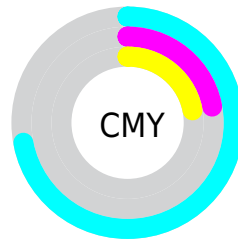
- Red (28%)
- Green (78%)
- Blue (78%)



- Red (28%)
- Yellow (53%)
- Blue (78%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (72%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.3260, 18.5733, -77.4619 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 160.3260, 18.5733, -77.4619 by changing the saturation by 10% instead.

■ 160.3260, 18.5733,
-77.4619

■ 160.3260, 18.5733,
-77.4619

■ 255.0000, 0.0000,
0.0000

■ 128.5530, 20.9264,
-85.5540

■ 219.1200, 17.6888,
-73.7732

■ 100.9440, 21.2266,
-88.5279

■ 228.0900, 13.2666,
-55.3299

■ 82.8320, 17.8308,
-72.6437

■ 237.0600, 8.8444,
-36.8866

■ 64.7200, 14.4350,
-56.7594

■ 246.0300, 4.4222,
-18.4433

■ 47.8960, 10.8973,
-42.0048

■ 31.8870, 7.9437,
-27.9649

■ 15.4050, 5.7163,

-13.5102

■ 0.0000, 0.0000,
0.0000

■ 160.3260, 18.5733,
-77.4619

■ 160.3260, 18.5733,
-77.4619

■ 154.3460, 21.5214,
-89.7574

■ 166.3060, 15.6251,
-65.1664

■ 148.3660, 24.4696,
-102.0530

■ 172.2860, 12.6770,
-52.8708

■ 142.6850, 27.2703,
-113.7337

■ 177.9670, 9.8763,
-41.1901

■ 138.7980, 29.1866,
-121.7258

■ 183.9470, 6.9281,
-28.8945

■ 189.9270, 3.9800,
-16.5990

■ 195.9070, 1.0318,
-4.3034

■ 201.8870, -1.9163,
7.9921

■ 207.5680, -4.7170,
19.6729

■ 213.5480, -7.6652,
31.9684

Harmonies

Analogous

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



166.6270, -1.2951, -51.4159



160.3260, 18.5733, -77.4619



161.2730, 32.4034, -80.0464

Triad

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



160.3260, 18.5733, -77.4619



184.9850, 19.7274, 19.3072



179.1740, -30.6518, 31.4194

Complementary

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



160.3260, 18.5733, -77.4619



109.6740, -18.5733, 77.4619

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.



181.8200, -23.5753, 48.3929



160.3260, 18.5733, -77.4619



184.7680, 5.5374, 44.0535

Square

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



160.3260, 18.5733, -77.4619



180.5230, 30.3082, -14.4907



183.4090, -10.0616, 54.0153



176.3620, -29.2655, 6.6985

Rectangle

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



160.3260, 18.5733, -77.4619



168.0670, 34.9700, -63.2028



183.4090, -10.0616, 54.0153



180.5600, -29.3631, 38.0969

Sweetspot

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



160.3260, 18.5733, -77.4619



240.6480, 7.0755, -29.5093



145.9620, -36.4633, -64.8647



119.0300, 4.4222, -18.4433



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.



160.3260, 18.5733, -77.4619



196.9940, 28.5970, -119.2667



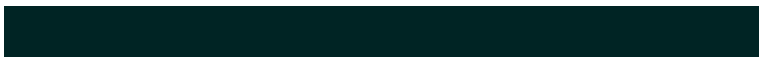
123.3450, 36.8049, -45.0296



96.3090, 1.3267, -5.5330



114.2630, 24.0273, -100.2087



25.2360, 5.3067, -22.1320

Inverse Universe

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



124.0380, 36.4633, 64.8647



141.1220, 56.1419, 99.8710



146.6550, -36.8049, 45.0296



93.7170, 2.6045, 4.6332



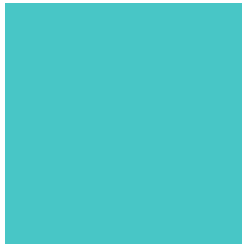
67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 160.3260, 18.5733, -77.4619 looks on a white background.

Color Contrast Check

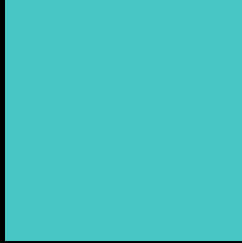
Large Text (above 18pt) WCAG AA × Fail

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 160.3260, 18.5733, -77.4619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

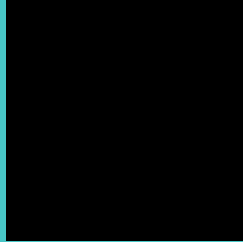
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

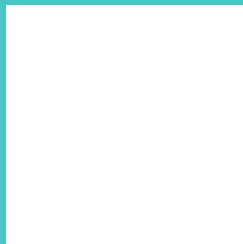
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 160.3260, 18.5733, -77.4619

Background



This preview shows how black text looks on a background with the YUV color 160.3260, 18.5733, -77.4619.



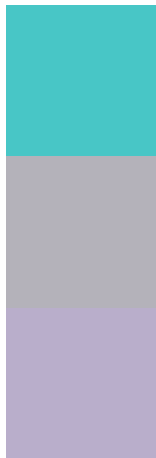
This preview shows how white text looks on a background with the YUV color 160.3260, 18.5733, -77.4619.

-77.4619.

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

160.3260, 18.5733, -77.4619

Protanopia

179.5100, 3.1996, 0.4297

Deuteranopia

180.5950, 11.0457, 3.8632



Tritanopia

162.8410, 24.2354, -73.5286

Trichromacy



Original Color

160.3260, 18.5733, -77.4619



Protanomaly

172.4140, 8.6699, -27.5501



Deuteranomaly

173.3910, 13.6112, -25.7759



Tritanomaly

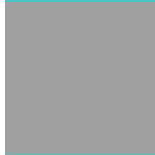
161.9610, 22.2042, -75.3878

Monochromacy



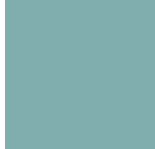
Original Color

160.3260, 18.5733, -77.4619



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.2460, 6.7807, -28.2797

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.3260, 18.5733, -77.4619 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, 198, 198)` looks like.

```
.text, #text, p{  
    color:rgb(72, 198, 198)  
}
```

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, 198, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 198, 198) }
```

Border

The CSS property to change the border of an element to YUV 160.3260, 18.5733, -77.4619 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, 198, 198) }
```


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

```
.border{ border-color:rgb(72, 198, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 198, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 198, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 198, 198);  
box-shadow:4px 4px 4px 4px rgb(72, 198,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 160.3260, 18.5733, -77.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 198, 198) }
```

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

```
.background{ background-color: rgb(72, 198,  
198) }
```

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