

Converting Colors

YUV(165.7560, 16.3893,
-76.9620)

Have a look what the booklet for
YUV(165.7560, 16.3893, -76.9620)
contains.

YUV(165.7560, 16.3893, -76.9620)	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(165.7560, 16.3893,
-76.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	4ECCC7
RGB	78, 204, 199
RGB Percent	31%, 80%, 78%
CMY	0.6941, 0.2000, 0.2196
CMYK	0.62, 0.00, 0.02, 0.20
HSL	178°, 55%, 55%
HSV	178°, 62%, 80%
XYZ	35.0436, 48.9290, 61.6301
YIQ	165.7560, -73.4910, -28.2670

Conversions

Conversions Part 2

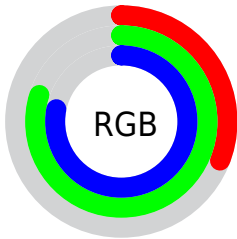
Format	Color
RYB	78, 142, 204
Decimal	5164231
CIELab	75.41, -35.47, -7.84
CIELCh	75, 36.322, 192.468
Yxy	48.9290, 0.2407, 0.3360
Android (android.graphics.Color)	4283354311 (0xFF4ECCC7)
YUV	165.7560, 16.3893, -76.9620
Hunter-Lab	69.9492, -32.9852, -3.2741

Details

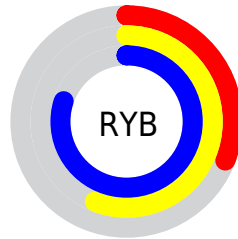
The YUV color **165.7560, 16.3893, -76.9620** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **116.2440, -16.3893, 76.9620**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6150, 16.9518, -70.6994**, and **103.9930, 20.2165, -91.2019** is the 20% darker color. If you saturate the color by 10%, you get **159.6620, 18.9006, -89.1576**, and if you desaturate by 10%, it is **171.8500, 13.8780, -64.7664**.

Distribution



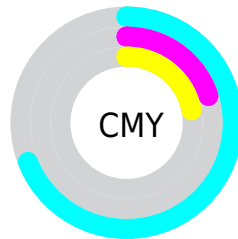
- Red (31%)
- Green (80%)
- Blue (78%)



- Red (31%)
- Yellow (56%)
- Blue (80%)



- Cyan (62%)
- Magenta (0%)
- Yellow (2%)
- Black (20%)




- Cyan (69%)
- Magenta (20%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.7560, 16.3893, -76.9620 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 165.7560, 16.3893, -76.9620 by changing the saturation by 10% instead.


 165.7560, 16.3893,
-76.9620


 165.7560, 16.3893,
-76.9620


255.0000, 0.0000,
0.0000

 134.8800, 18.3002,
-83.2098


 220.6150, 16.9518,
-70.6994

 103.9930, 20.2165,
-91.2019

 229.5850, 12.5296,
-52.2560


 85.8810, 16.8207,
-75.3176

 238.5550, 8.1074,
-33.8127

 68.3560, 13.1355,
-59.9482

 247.5250, 3.6852,
-15.3694

 50.9450, 9.8871,
-44.6788

 34.3490, 7.2229,
-30.1241

 19.6280, 4.1274,

-17.2138

■ 0.0000, 0.0000,
0.0000

■ 165.7560, 16.3893,
-76.9620

■ 165.7560, 16.3893,
-76.9620

■ 159.6620, 18.9006,
-89.1576

■ 171.8500, 13.8780,
-64.7664

■ 153.2690, 21.5594,
-101.9679

■ 178.2430, 11.2192,
-51.9561

■ 147.2890, 24.5075,
-114.2635

■ 184.2230, 8.2711,
-39.6606

■ 142.0920, 26.5766,
-124.6147

■ 190.6160, 5.6123,
-26.8502

■ 196.7100, 3.1010,
-14.6547

■ 202.8040, 0.5896,
-2.4591

■ 209.1970, -2.0691,
10.3512

■ 215.1770, -5.0173,
22.6468

■ 219.4770, -6.6442,
31.1537

Harmonies

Analogous

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



172.2530, -4.0687, -48.4569



165.7560, 16.3893, -76.9620



164.5390, 32.2723, -84.6647

Triad

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



165.7560, 16.3893, -76.9620



189.9460, 22.2116, 15.8334



185.3810, -31.2468, 35.6229

Complementary

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



165.7560, 16.3893, -76.9620



116.2440, -16.3893, 76.9620

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.



187.1840, -22.2757, 51.5816



165.7560, 16.3893, -76.9620



190.7400, 8.0162, 42.3240

Square

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



165.7560, 16.3893, -76.9620



184.7610, 32.6558, -20.8384



188.9900, -7.8831, 55.2598



182.3410, -30.7341, 11.1019

Rectangle

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



165.7560, 16.3893, -76.9620



170.9630, 36.0072, -69.2506



188.9900, -7.8831, 55.2598



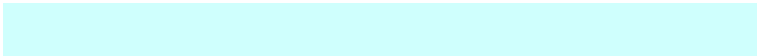
185.9950, -29.0845, 42.1004

Sweetspot

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



165.7560, 16.3893, -76.9620



240.4200, 6.2019, -29.3093



153.7560, -37.3477, -61.1760



118.8020, 3.5486, -18.2434



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.



165.7560, 16.3893, -76.9620



197.6910, 24.8023, -115.4930



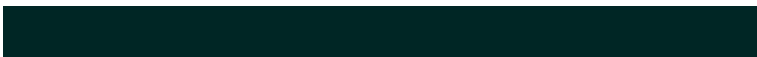
132.8670, 35.0686, -48.1184



99.0100, 1.4741, -6.1478



115.5680, 21.4120, -101.3531



26.5240, 5.1647, -23.2615

Inverse Universe

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



116.2440, -16.3893, 76.9620



123.4230, -24.3655, 115.3930



149.1330, -35.0686, 48.1184



94.9900, -1.4741, 6.1478



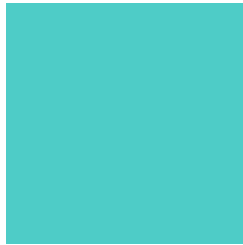
50.4320, -21.4120, 101.3531



11.5900, -4.7279, 23.1616

Previews

White Background



This preview shows how the YUV color 165.7560, 16.3893, -76.9620 looks on a white background.

Color Contrast Check

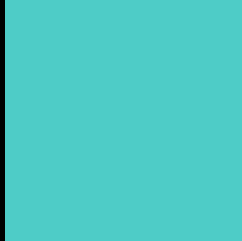
Large Text (above 18pt) WCAG AA × Fail

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 165.7560, 16.3893, -76.9620 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

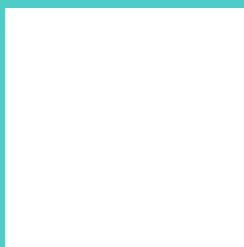
Any Text WCAG AAA ✓ Pass

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

YUV 165.7560, 16.3893, -76.9620 Background



This preview shows how black text looks on a background with the YUV color 165.7560, 16.3893, -76.9620.



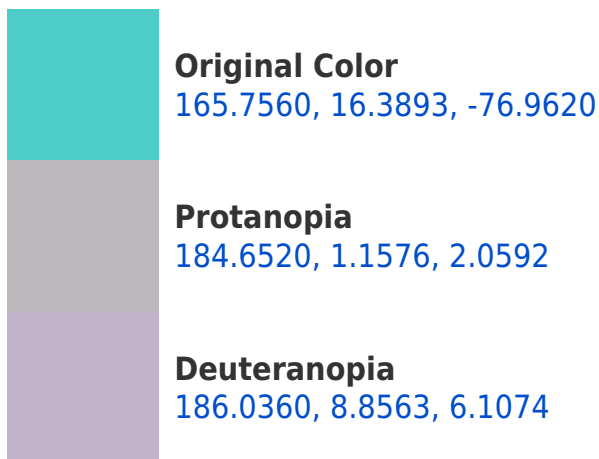
This preview shows how white text looks on a background with the YUV color 165.7560, 16.3893, -76.9620.

-76.9620.

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





Tritanopia

168.4390, 23.9406, -72.2990

Trichromacy



Original Color

165.7560, 16.3893, -76.9620



Protanomaly

177.8440, 6.4859, -27.0502



Deuteranomaly

178.5330, 11.5692, -24.1464



Tritanomaly

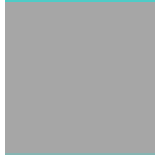
167.3310, 21.0358, -73.9583

Monochromacy



Original Color

165.7560, 16.3893, -76.9620



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.0180, 5.9071, -28.0798

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7560, 16.3893, -76.9620 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(78, 204, 199)` looks like.

```
.text, #text, p{  
    color:rgb(78, 204, 199)  
}
```

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(78, 204, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 204, 199) }
```

Border

The CSS property to change the border of an element to YUV 165.7560, 16.3893, -76.9620 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(78, 204, 199) }
```


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

```
.border{ border-color:rgb(78, 204, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 204, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 204, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 204, 199);  
box-shadow:4px 4px 4px 4px rgb(78, 204,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 165.7560, 16.3893, -76.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 204, 199) }
```

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

```
.background{ background-color: rgb(78, 204,  
199) }
```

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