

Converting Colors

YUV(174.3430, 16.0999,
-77.4768)

Have a look what the booklet for
YUV(174.3430, 16.0999, -77.4768)
contains.

YUV(174.3430, 16.0999, -77.4768)	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(174.3430, 16.0999,
-77.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	56D5CF
RGB	86, 213, 207
RGB Percent	34%, 84%, 81%
CMY	0.6627, 0.1647, 0.1882
CMYK	0.60, 0.00, 0.03, 0.16
HSL	177°, 60%, 59%
HSV	177°, 60%, 84%
XYZ	38.8945, 54.0719, 67.4185
YIQ	174.3430, -73.7660, -28.7900

Conversions

Conversions Part 2

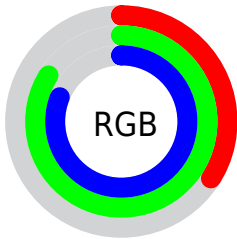
Format	Color
R _Y B	86, 151, 213
Decimal	5690831
CIE Lab	78.50, -36.13, -7.53
CIE LCh	79, 36.909, 191.769
Yxy	54.0719, 0.2425, 0.3371
Android (android.graphics.Color)	4283880911 (0xFF56D5CF)
YUV	174.3430, 16.0999, -77.4768
Hunter-Lab	73.5336, -34.2690, -2.8858

Details

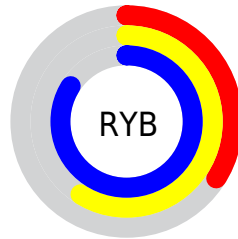
The YUV color **174.3430, 16.0999, -77.4768** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.6570, -16.0999, 77.4768**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, 15.7725, -65.7811**, and **110.1880, 21.1063, -96.6349** is the 20% darker color. If you saturate the color by 10%, you get **167.9500, 18.7587, -90.2871**, and if you desaturate by 10%, it is **180.7360, 13.4412, -64.6665**.

Distribution



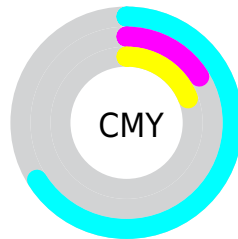
- Red (34%)
- Green (84%)
- Blue (81%)



- Red (34%)
- Yellow (59%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (66%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3430, 16.0999, -77.4768 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 174.3430, 16.0999, -77.4768 by changing the saturation by 10% instead.

■ 174.3430, 16.0999,
-77.4768

■ 174.3430, 16.0999,
-77.4768

■ 255.0000, 0.0000,
0.0000

■ 144.0650, 17.7160,
-82.4950

■ 223.0070, 15.7725,
-65.7811

■ 110.1880, 21.1063,
-96.6349

■ 231.9770, 11.3503,
-47.3378

■ 91.3750, 17.5631,
-80.1359

■ 240.9470, 6.9281,
-28.8945

■ 73.2630, 14.1673,
-64.2517

■ 249.9170, 2.5059,
-10.4512

■ 56.4390, 10.6296,
-49.4970

■ 39.7290, 7.5286,
-34.8423

■ 25.5950, 4.1437,

-22.4468

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 174.3430, 16.0999,
-77.4768

■ 174.3430, 16.0999,
-77.4768

■ 167.9500, 18.7587,
-90.2871

■ 180.7360, 13.4412,
-64.6665

■ 161.2580, 21.5648,
-103.7123

■ 187.4280, 10.6350,
-51.2414

■ 154.8650, 24.2236,
-116.5226

■ 193.8210, 7.9762,
-38.4310

■ 148.4720, 26.8823,
-129.3329

■ 200.2140, 5.3175,
-25.6207

■ 148.1730, 27.0297,
-129.9477

■ 206.9060, 2.5113,
-12.1956

■ 213.2990, -0.1474,
0.6148

■ 219.6920, -2.8062,
13.4251

■ 225.7860, -5.3175,
25.6207

■ 225.9000, -4.8807,
25.5207

Harmonies

Analogous

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



180.8400, -4.3581, -48.9717



174.3430, 16.0999, -77.4768



173.2400, 32.4197, -85.2795

Triad

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



174.3430, 16.0999, -77.4768



198.8750, 23.2326, 15.0186



193.9790, -31.5416, 36.8524

Complementary

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



174.3430, 16.0999, -77.4768



124.6570, -16.0999, 77.4768

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.



195.4830, -22.4231, 52.1964



174.3430, 16.0999, -77.4768



199.2670, 8.7424, 42.7388

Square

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



174.3430, 16.0999, -77.4768



192.5930, 30.7667, -21.5681



195.6090, -6.7092, 52.0859



190.4120, -31.7551, 11.9167

Rectangle

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



174.3430, 16.0999, -77.4768



179.1800, 36.8863, -71.1949



195.6090, -6.7092, 52.0859



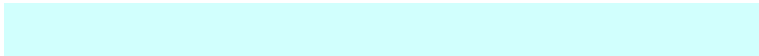
194.5930, -29.3793, 43.3299

Sweetspot

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



174.3430, 16.0999, -77.4768



241.0180, 5.9071, -28.0798



162.3430, -37.6371, -61.6908



119.1010, 3.4012, -17.6286



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.



174.3430, 16.0999, -77.4768



198.9580, 23.1917, -112.2192



141.5680, 35.2160, -48.7331



103.7110, 1.6215, -6.7625



118.9590, 21.7122, -104.3270



29.9150, 5.4649, -26.2355

Inverse Universe

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



124.6570, -16.0999, 77.4768



127.0420, -23.1917, 112.2192



157.4320, -35.2160, 48.7331



99.4030, -1.1847, 6.6626



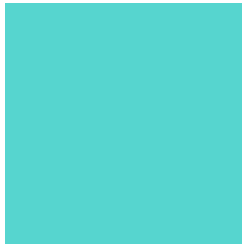
52.0410, -21.7122, 104.3270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 174.3430, 16.0999, -77.4768 looks on a white background.

Color Contrast Check

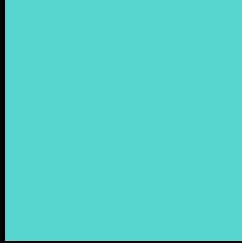
Large Text (above 18pt) WCAG AA × Fail

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 174.3430, 16.0999, -77.4768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

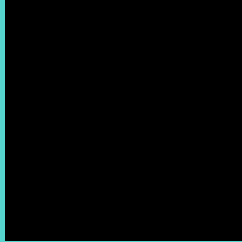
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

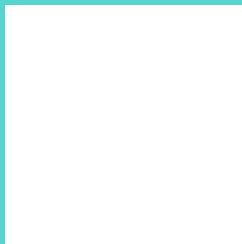
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 174.3430, 16.0999, -77.4768

Background



This preview shows how black text looks on a background with the YUV color 174.3430, 16.0999, -77.4768.



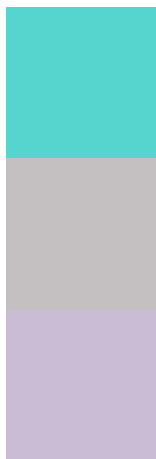
This preview shows how white text looks on a background with the YUV color 174.3430, 16.0999, -77.4768.

-77.4768.

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

174.3430, 16.0999, -77.4768

Protanopia

193.4240, 0.2840, 2.2592

Deuteranopia

195.0360, 8.8563, 6.1074



Tritanopia

177.2540, 24.5248, -73.0138

Trichromacy



Original Color

174.3430, 16.0999, -77.4768



Protanomaly

186.7300, 6.0491, -26.9502



Deuteranomaly

187.5330, 11.5692, -24.1464



Tritanomaly

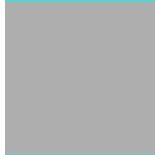
176.1460, 21.6200, -74.6730

Monochromacy



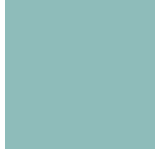
Original Color

174.3430, 16.0999, -77.4768



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

174.0180, 5.9071, -28.0798

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3430, 16.0999, -77.4768 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(86, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(86, 213, 207)  
}
```

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(86, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 213, 207) }
```

Border

The CSS property to change the border of an element to YUV 174.3430, 16.0999, -77.4768 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(86, 213, 207) }
```


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

```
.border{ border-color:rgb(86, 213, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(86, 213,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 174.3430, 16.0999, -77.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 213, 207) }
```

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

```
.background{ background-color: rgb(86, 213,  
207) }
```

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