

Converting Colors

YUV(171.3580, 16.5855,
-93.2760)

Have a look what the booklet for
YUV(171.3580, 16.5855, -93.2760)
contains.

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Color

**YUV(171.3580, 16.5855,
-93.2760)**

Conversions

Conversions Part 1

Format	Color
Hex	41DBCD
RGB	65, 219, 205
RGB Percent	25%, 86%, 80%
CMY	0.7451, 0.1412, 0.1961
CMYK	0.70, 0.00, 0.06, 0.14
HSL	175°, 68%, 56%
HSV	175°, 70%, 86%
XYZ	38.5309, 56.1946, 66.5735
YIQ	171.3580, -87.2900, -37.0020

Conversions

Conversions Part 2

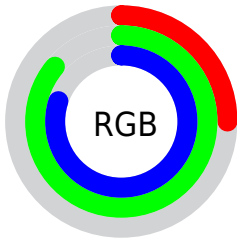
Format	Color
RYB	65, 146, 219
Decimal	4316109
CIELab	79.72, -42.56, -4.71
CIELCh	80, 42.815, 186.313
Yxy	56.1946, 0.2389, 0.3484
Android (android.graphics.Color)	4282506189 (0xFF41DBCD)
YUV	171.3580, 16.5855, -93.2760
Hunter-Lab	74.9631, -39.4366, -0.1803

Details

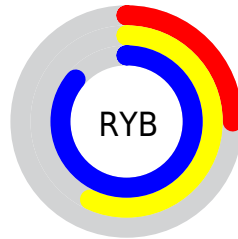
The YUV color **171.3580, 16.5855, -93.2760** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **112.6420, -16.5855, 93.2760**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, 17.9837, -75.0028**, and **112.8950, 18.7858, -99.0089** is the 20% darker color. If you saturate the color by 10%, you get **164.5520, 18.9549, -106.6011**, and if you desaturate by 10%, it is **178.1640, 14.2161, -79.9508**.

Distribution



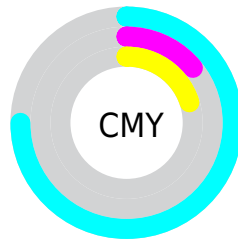
- Red (25%)
- Green (86%)
- Blue (80%)



- Red (25%)
- Yellow (57%)
- Blue (86%)



- Cyan (70%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)





- Cyan (75%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.3580, 16.5855, -93.2760 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 171.3580, 16.5855, -93.2760 by changing the saturation by 10% instead.


 171.3580, 16.5855,
-93.2760


 171.3580, 16.5855,
-93.2760


255.0000, 0.0000,
0.0000

 132.4090, 22.4764,
-116.1227

 218.5220, 17.9837,
-75.0028

 112.8950, 18.7858,
-99.0089

 228.0900, 13.2666,
-55.3299


 94.0820, 15.2426,
-82.5099

 237.0600, 8.8444,
-36.8866

 75.9700, 11.8468,
-66.6257

 246.3290, 4.2748,
-17.8285

 58.5590, 8.5984,
-51.3562

 41.9630, 5.9342,
-36.8016

 27.1280, 2.4019,

-23.7913

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 171.3580, 16.5855,
-93.2760

■ 171.3580, 16.5855,
-93.2760

■ 164.5520, 18.9549,
-106.6011

■ 178.1640, 14.2161,
-79.9508

■ 157.7460, 21.3242,
-119.9262

■ 184.9700, 11.8468,
-66.6257

■ 151.2390, 23.5462,
-132.6366

■ 191.7760, 9.4774,
-53.3006

■ 198.5820, 7.1081,
-39.9754

■ 205.3880, 4.7387,
-26.6503

■ 211.8950, 2.5168,
-13.9399

■ 218.7010, 0.1474,
-0.6148

■ 225.5070, -2.2220,
12.7104

■ 230.2200, -3.5595,
21.7321

Harmonies

Analogous

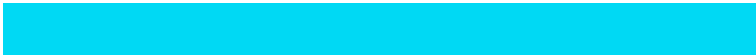
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.2650, -9.0046, -51.9754



171.3580, 16.5855, -93.2760



155.1950, 43.7809, -136.1060

Triad

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



171.3580, 16.5855, -93.2760



200.7650, 26.7379, 10.7301



197.0080, -35.4999, 46.4740

Complementary

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



171.3580, 16.5855, -93.2760



112.6420, -16.5855, 93.2760

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.



194.5370, -20.9707, 53.0261



171.3580, 16.5855, -93.2760



202.8420, 13.3889, 45.7426

Square

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



171.3580, 16.5855, -93.2760



191.6300, 31.2414, -33.8785



195.4610, -2.1993, 52.2157



194.1480, -38.0340, 19.1642

Rectangle

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



171.3580, 16.5855, -93.2760



170.2470, 41.7832, -101.9486



195.4610, -2.1993, 52.2157



196.9530, -32.0218, 50.9072

Sweetspot

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



171.3580, 16.5855, -93.2760



238.2840, 5.7760, -32.6981



159.8830, -46.7773, -70.0574



118.0900, 3.4066, -19.3729



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.



171.3580, 16.5855, -93.2760



188.8480, 23.2459, -129.6627



136.5600, 40.6429, -62.7581



106.5970, 1.1847, -6.6626



119.5630, 18.9494, -104.8568



31.7900, 5.0335, -27.8798

Inverse Universe

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



112.6420, -16.5855, 93.2760



107.1520, -23.2459, 129.6627



147.4400, -40.6429, 62.7581



102.4030, -1.1847, 6.6626



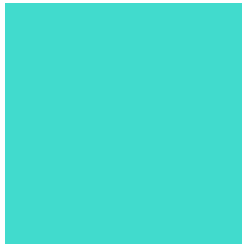
53.5510, -18.5126, 104.7568



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 171.3580, 16.5855, -93.2760 looks on a white background.

Color Contrast Check

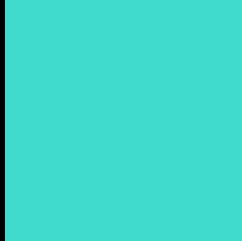
Large Text (above 18pt) WCAG AA × Fail

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 171.3580, 16.5855, -93.2760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

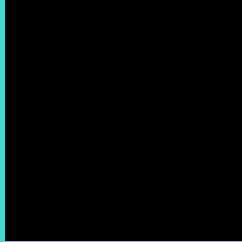
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

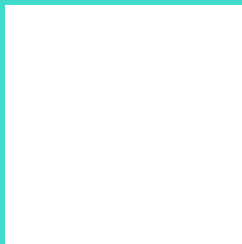
Any Text WCAG AAA ✓ Pass

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

YUV 171.3580, 16.5855, -93.2760 Background



This preview shows how black text looks on a background with the YUV color 171.3580, 16.5855, -93.2760.



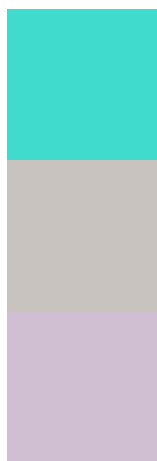
This preview shows how white text looks on a background with the YUV color 171.3580, 16.5855,

-93.2760.

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

171.3580, 16.5855, -93.2760

Protanopia

196.3380, -2.6316, 4.0886

Deuteranopia

197.7760, 6.5194, 8.9664



Tritanopia

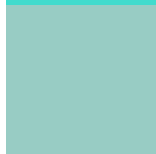
176.5730, 27.3255, -84.6945

Trichromacy



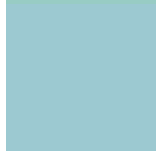
Original Color

171.3580, 16.5855, -93.2760



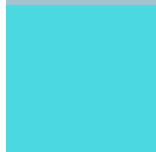
Protanomaly

187.5400, 4.1708, -31.1686



Deuteranomaly

188.4570, 10.1277, -28.4648



Tritanomaly

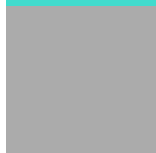
174.5250, 23.4052, -87.2834

Monochromacy



Original Color

171.3580, 16.5855, -93.2760



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.6860, 6.0708, -33.9276

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3580, 16.5855, -93.2760 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(65, 219, 205)` looks like.

```
.text, #text, p{  
    color:rgb(65, 219, 205)  
}
```

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(65, 219, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 219, 205) }
```

Border

The CSS property to change the border of an element to YUV 171.3580, 16.5855, -93.2760 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(65, 219, 205) }
```


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

```
.border{ border-color:rgb(65, 219, 205) }
```

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

Here you see how a box with a 4 pixel rgb(65, 219, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 219, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 219, 205);  
box-shadow:4px 4px 4px 4px rgb(65, 219,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 171.3580, 16.5855, -93.2760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 219, 205) }
```

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

```
.background{ background-color: rgb(65, 219,  
205) }
```

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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