

Converting Colors

YUV(171.5930, 16.9627,
-74.1881)

Have a look what the booklet for
YUV(171.5930, 16.9627, -74.1881)
contains.

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Color

**YUV(171.5930, 16.9627,
-74.1881)**

Conversions

Conversions Part 1

Format	Color
Hex	57D0CE
RGB	87, 208, 206
RGB Percent	34%, 82%, 81%
CMY	0.6588, 0.1843, 0.1922
CMYK	0.58, 0.00, 0.01, 0.18
HSL	179°, 56%, 58%
HSV	179°, 58%, 82%
XYZ	37.6269, 51.5942, 66.3681
YIQ	171.5930, -71.4740, -26.2740

Conversions

Conversions Part 2

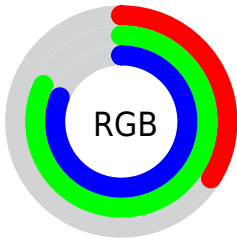
Format	Color
R _Y B	87, 148, 208
Decimal	5755086
CIE Lab	77.04, -33.89, -9.17
CIE LCh	77, 35.109, 195.134
Yxy	51.5942, 0.2418, 0.3316
Android (android.graphics.Color)	4283945166 (0xFF57D0CE)
YUV	171.5930, 16.9627, -74.1881
Hunter-Lab	71.8291, -32.1956, -4.5019

Details

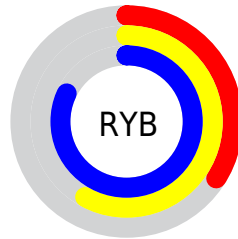
The YUV color **171.5930, 16.9627, -74.1881** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **123.4070, -16.9627, 74.1881**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, 15.7725, -65.7811**, and **107.1390, 22.1165, -93.9609** is the 20% darker color. If you saturate the color by 10%, you get **165.3140, 20.0582, -87.0984**, and if you desaturate by 10%, it is **177.8720, 13.8671, -61.2777**.

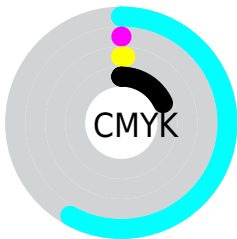
Distribution



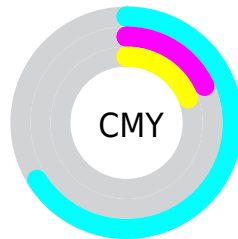
- Red (34%)
- Green (82%)
- Blue (81%)



- Red (34%)
- Yellow (58%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (66%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.5930, 16.9627, -74.1881 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 171.5930, 16.9627, -74.1881 by changing the saturation by 10% instead.

■ 171.5930, 16.9627,
-74.1881

■ 171.5930, 16.9627,
-74.1881

■ 255.0000, 0.0000,
0.0000

■ 141.6140, 18.4313,
-78.5915

■ 223.0070, 15.7725,
-65.7811

■ 107.1390, 22.1165,
-93.9609

■ 231.9770, 11.3503,
-47.3378

■ 88.9130, 18.2839,
-77.9767

■ 240.9470, 6.9281,
-28.8945

■ 70.8010, 14.8881,
-62.0925

■ 249.9170, 2.5059,
-10.4512

■ 53.9770, 11.3503,
-47.3378

■ 37.2670, 8.2494,
-32.6832

■ 23.1330, 4.8644,

-20.2876

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 171.5930, 16.9627,
-74.1881

■ 171.5930, 16.9627,
-74.1881

■ 165.3140, 20.0582,
-87.0984

■ 177.8720, 13.8671,
-61.2777

■ 158.9210, 22.7169,
-99.9087

■ 184.2650, 11.2084,
-48.4674

■ 152.9410, 25.6651,
-112.2043

■ 190.2450, 8.2602,
-36.1719

■ 146.6620, 28.7606,
-125.1146

■ 196.5240, 5.1647,
-23.2615

■ 145.4660, 29.3503,
-127.5737

■ 202.9170, 2.5059,
-10.4512

■ 209.1960, -0.5896,
2.4591

■ 215.4750, -3.6852,
15.3694

■ 221.5690, -6.1965,
27.5650

■ 222.1670, -6.4913,
28.7945

Harmonies

Analogous

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



177.2960, -2.6109, -49.3716



171.5930, 16.9627, -74.1881



172.2410, 30.9402, -77.3874

Triad

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



171.5930, 16.9627, -74.1881



194.5010, 20.4590, 17.9776



189.8860, -30.5098, 32.5490

Complementary

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



171.5930, 16.9627, -74.1881



123.4070, -16.9627, 74.1881

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.



191.7600, -22.5597, 49.3225



171.5930, 16.9627, -74.1881



195.2840, 6.2690, 42.7239

Square

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



171.5930, 16.9627, -74.1881



190.3270, 30.8978, -16.9498



193.6370, -9.1880, 53.8154



186.3730, -29.2709, 8.4429

Rectangle

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



171.5930, 16.9627, -74.1881



177.9530, 34.5332, -63.1028



193.6370, -9.1880, 53.8154



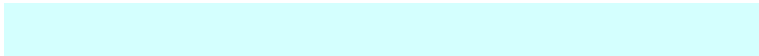
190.3860, -28.7843, 39.1265

Sweetspot

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



171.5930, 16.9627, -74.1881



242.0290, 5.9017, -26.3354



158.6250, -35.3111, -61.0611



120.1120, 3.3958, -15.8842



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.



171.5930, 16.9627, -74.1881



201.4360, 24.9281, -109.1304



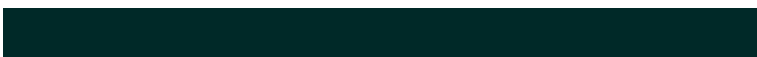
137.7750, 34.6209, -44.5297



101.5970, 1.1847, -6.6626



117.5400, 23.8908, -103.0826



28.6270, 5.6069, -25.1059

Inverse Universe

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



123.4070, -16.9627, 74.1881



130.4500, -25.3648, 109.2304



157.2250, -34.6209, 44.5297



97.2890, -1.6215, 6.7625



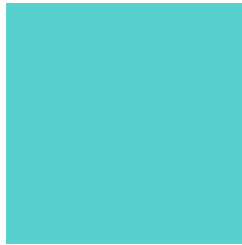
50.5740, -23.4540, 102.9826



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 171.5930, 16.9627, -74.1881 looks on a white background.

Color Contrast Check

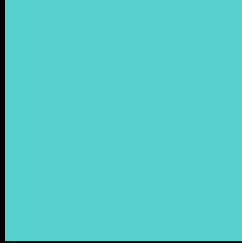
Large Text (above 18pt) WCAG AA × Fail

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 171.5930, 16.9627, -74.1881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

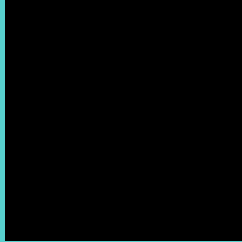
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

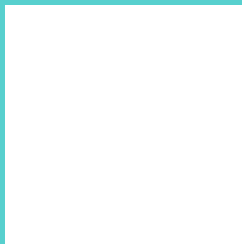
Any Text WCAG AAA ✓ Pass

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

YUV 171.5930, 16.9627, -74.1881 Background



This preview shows how black text looks on a background with the YUV color 171.5930, 16.9627, -74.1881.



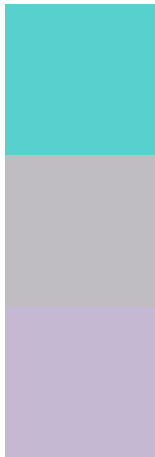
This preview shows how white text looks on a background with the YUV color 171.5930, 16.9627, -74.1881.

-74.1881.

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

171.5930, 16.9627, -74.1881

Protanopia

189.5810, 2.1786, 1.2445

Deuteranopia

190.9650, 9.8773, 5.2927



Tritanopia

174.3360, 23.4984, -70.4547

Trichromacy



Original Color

171.5930, 16.9627, -74.1881



Protanomaly

182.7840, 7.5015, -26.1206



Deuteranomaly

184.0600, 12.2954, -23.7316



Tritanomaly

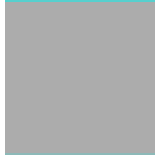
173.3420, 21.0304, -72.2139

Monochromacy



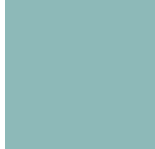
Original Color

171.5930, 16.9627, -74.1881



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.7300, 6.0491, -26.9502

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.5930, 16.9627, -74.1881 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(87, 208, 206)` looks like.

```
.text, #text, p{  
    color:rgb(87, 208, 206)  
}
```

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(87, 208, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 208, 206) }
```

Border

The CSS property to change the border of an element to YUV 171.5930, 16.9627, -74.1881 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(87, 208, 206) }
```


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

```
.border{ border-color:rgb(87, 208, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 208, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 208, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 208, 206);  
box-shadow:4px 4px 4px 4px rgb(87, 208,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 171.5930, 16.9627, -74.1881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 208, 206) }
```

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

```
.background{ background-color: rgb(87, 208,  
206) }
```

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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