

Converting Colors

YUV(174.5030, 26.8670,
-77.6171)

Have a look what the booklet for
YUV(174.5030, 26.8670, -77.6171)
contains.

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Color

**YUV(174.5030, 26.8670,
-77.6171)**

Conversions

Conversions Part 1

Format	Color
Hex	56D1E5
RGB	86, 209, 229
RGB Percent	34%, 82%, 90%
CMY	0.6627, 0.1804, 0.1020
CMYK	0.62, 0.09, 0.00, 0.10
HSL	188°, 73%, 62%
HSV	188°, 62%, 90%
XYZ	40.7811, 53.2365, 82.2550
YIQ	174.5030, -79.7280, -19.8560

Conversions

Conversions Part 2

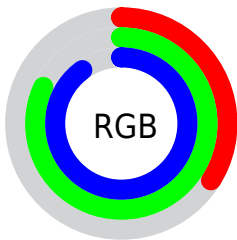
Format	Color
RYB	86, 152, 229
Decimal	5689829
CIELab	78.01, -28.12, -20.06
CIElCh	78, 34.538, 215.502
Yxy	53.2365, 0.2314, 0.3020
Android (android.graphics.Color)	4283879909 (0xFF56D1E5)
YUV	174.5030, 26.8670, -77.6171
Hunter-Lab	72.9634, -27.9177, -15.7661

Details

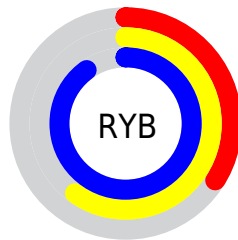
The YUV color **174.5030, 26.8670, -77.6171** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **140.4970, -26.8670, 77.6171**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3060, 15.6251, -65.1664**, and **110.2340, 31.4366, -96.6752** is the 20% darker color. If you saturate the color by 10%, you get **165.8650, 31.1256, -90.2126**, and if you desaturate by 10%, it is **183.1410, 22.6085, -65.0217**.

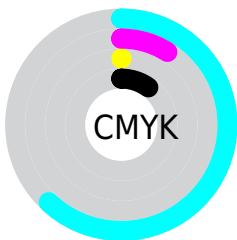
Distribution



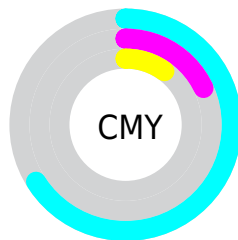
- Red (34%)
- Green (82%)
- Blue (90%)



- Red (34%)
- Yellow (60%)
- Blue (90%)



- Cyan (62%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (66%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5030, 26.8670, -77.6171 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 174.5030, 26.8670, -77.6171 by changing the saturation by 10% instead.

174.5030, 26.8670,
-77.6171

174.5030, 26.8670,
-77.6171

255.0000, 0.0000,
0.0000

143.5130, 28.3411,
-83.7649

223.3060, 15.6251,
-65.1664

110.2340, 31.4366,
-96.6752

232.5750, 11.0555,
-46.1083

91.8940, 27.1673,
-80.5910

241.5450, 6.6333,
-27.6650

74.2550, 23.0453,
-65.1216

250.8140, 2.0637,
-8.6069

56.7300, 19.3601,
-49.7522

40.4930, 15.5330,
-35.5124

26.2450, 11.7112,

-23.0169

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 174.5030, 26.8670,
-77.6171

■ 174.5030, 26.8670,
-77.6171

■ 165.8650, 31.1256,
-90.2126

■ 183.1410, 22.6085,
-65.0217

■ 157.2270, 35.3841,
-102.8081

■ 191.7790, 18.3500,
-52.4262

■ 148.0020, 39.9320,
-114.8888

■ 201.0040, 13.8020,
-40.3455

■ 141.7450, 43.0167,
-124.3104

■ 209.6420, 9.5435,
-27.7500

■ 218.2800, 5.2850,
-15.1546

■ 226.6190, 1.1738,
-3.1739

■ 235.2570, -3.0847,
9.4216

■ 240.2960, -5.5689,
12.8954

■ 242.0570, -6.4371,
11.3510

Harmonies

Analogous

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



176.6280, 10.5364, -66.3258



174.5030, 26.8670, -77.6171



181.1490, 33.9435, -60.6437

Triad

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



174.5030, 26.8670, -77.6171



198.0920, 10.8006, 35.8763



190.4880, -30.3136, 16.2350

Complementary

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



174.5030, 26.8670, -77.6171



140.4970, -26.8670, 77.6171

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.



193.0870, -28.6369, 38.5117



174.5030, 26.8670, -77.6171



196.8800, -4.3778, 50.9712

Square

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



174.5030, 26.8670, -77.6171



196.6460, 23.8385, 7.3265



195.3950, -18.9287, 51.3966



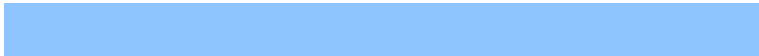
186.8590, -23.1015, -10.4003

Rectangle

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



174.5030, 26.8670, -77.6171



187.4660, 33.2943, -38.9967



195.3950, -18.9287, 51.3966



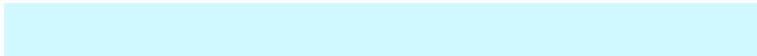
191.4290, -30.7775, 25.0568

Sweetspot

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



174.5030, 26.8670, -77.6171



236.5390, 9.1013, -25.9057



172.1070, -33.0838, -75.5158



116.0950, 5.8692, -15.8693



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.



174.5030, 26.8670, -77.6171



182.0420, 35.9683, -103.5228



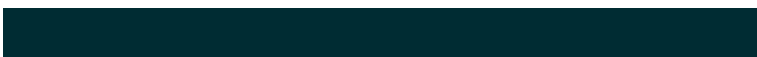
132.8260, 47.4138, -41.0664



110.2380, 2.3477, -6.3477



110.8040, 33.6206, -97.1751



31.6420, 9.5435, -27.7500

Inverse Universe

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



142.7790, 32.6470, 75.6158



139.8050, 43.4801, 101.0260



182.1740, -47.4138, 41.0664



107.7280, 2.5991, 6.3775



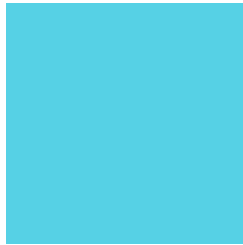
71.0770, 40.8810, 94.6485



20.2650, 11.7014, 26.9546

Previews

White Background



This preview shows how the YUV color 174.5030, 26.8670, -77.6171 looks on a white background.

Color Contrast Check

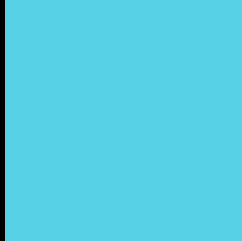
Large Text (above 18pt) WCAG AA × Fail

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 174.5030, 26.8670, -77.6171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

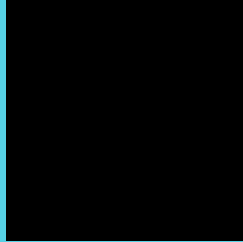
Any Text WCAG AA ✓ Pass

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 174.5030, 26.8670, -77.6171 Background



This preview shows how black text looks on a background with the YUV color 174.5030, 26.8670, -77.6171.



This preview shows how white text looks on a background with the YUV color 174.5030, 26.8670, -77.6171.

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

174.5030, 26.8670, -77.6171

Protanopia

192.1810, 12.2358, -4.5437

Deuteranopia

192.9560, 20.2347, -3.4694



Tritanopia

173.8620, 25.7040, -77.9320

Trichromacy



Original Color

174.5030, 26.8670, -77.6171

Protanomaly

185.6830, 17.4113, -31.2940

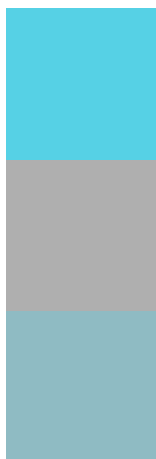
Deuteranomaly

186.3610, 22.5000, -30.1346

Tritanomaly

173.9760, 26.1408, -78.0320

Monochromacy



Original Color

174.5030, 26.8670, -77.6171

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.7560, 9.9803, -27.8500

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5030, 26.8670, -77.6171 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, 209, 229)` looks like.

```
.text, #text, p{  
    color:rgb(86, 209, 229)  
}
```

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, 209, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 209, 229) }
```

Border

The CSS property to change the border of an element to YUV 174.5030, 26.8670, -77.6171 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, 209, 229) }
```


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

```
.border{ border-color:rgb(86, 209, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 209, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 209, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 209, 229);  
box-shadow:4px 4px 4px 4px rgb(86, 209,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 174.5030, 26.8670, -77.6171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 209, 229) }
```

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

```
.background{ background-color: rgb(86, 209,  
229) }
```

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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