

Converting Colors

YUV(174.7130, 31.6935,
-85.6943)

Have a look what the booklet for
YUV(174.7130, 31.6935, -85.6943)
contains.

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Color

**YUV(174.7130, 31.6935,
-85.6943)**

Conversions

Conversions Part 1

Format	Color
Hex	4DD4EF
RGB	77, 212, 239
RGB Percent	30%, 83%, 94%
CMY	0.6980, 0.1686, 0.0627
CMYK	0.68, 0.11, 0.00, 0.06
HSL	190°, 84%, 62%
HSV	190°, 68%, 94%
XYZ	42.1840, 54.8967, 90.0342
YIQ	174.7130, -89.1270, -20.2230

Conversions

Conversions Part 2

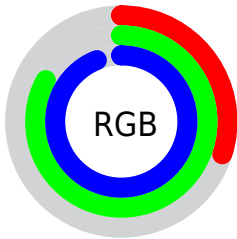
Format	Color
RYB	77, 151, 239
Decimal	5100783
CIELab	78.98, -28.01, -23.96
CIELCh	79, 36.860, 220.542
Yxy	54.8967, 0.2254, 0.2934
Android (android.graphics.Color)	4283290863 (0xFF4DD4EF)
YUV	174.7130, 31.6935, -85.6943
Hunter-Lab	74.0923, -28.0337, -20.1823

Details

The YUV color **174.7130, 31.6935, -85.6943** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **141.2870, -31.6935, 85.6943**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8110, 16.3622, -68.2402**, and **113.0210, 34.4996, -99.1194** is the 20% darker color. If you saturate the color by 10%, you get **165.1890, 36.3888, -98.3898**, and if you desaturate by 10%, it is **184.2370, 26.9982, -72.9988**.

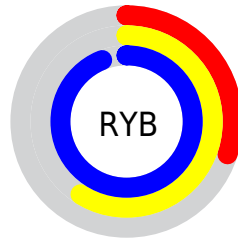
Distribution



Red (30%)

Green (83%)

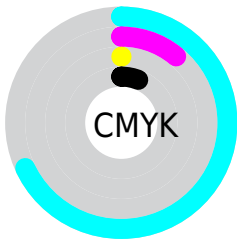
Blue (94%)



Red (30%)

Yellow (59%)

Blue (94%)

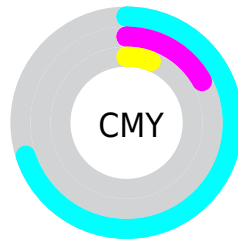


Cyan (68%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (70%)

Magenta (17%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.7130, 31.6935, -85.6943 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 174.7130, 31.6935, -85.6943 by changing the saturation by 10% instead.

174.7130, 31.6935,
-85.6943

174.7130, 31.6935,
-85.6943

255.0000, 0.0000,
0.0000

141.0320, 34.4942,
-97.3751

221.8110, 16.3622,
-68.2402

113.0210, 34.4996,
-99.1194

231.0800, 11.7926,
-49.1822

94.6810, 30.2303,
-83.0352

240.3490, 7.2229,
-30.1241

76.4550, 26.3977,
-67.0510

249.6180, 2.6533,
-11.0660

59.5170, 22.4231,
-52.1964

42.6930, 18.8854,
-37.4418

27.6300, 14.4794,

-24.2315

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 174.7130, 31.6935,
-85.6943

■ 174.7130, 31.6935,
-85.6943

■ 165.1890, 36.3888,
-98.3898

■ 184.2370, 26.9982,
-72.9988

■ 155.6650, 41.0842,
-111.0852

■ 193.7610, 22.3028,
-60.3034

■ 146.1410, 45.7795,
-123.7807

■ 203.2850, 17.6075,
-47.6079

■ 144.0590, 46.8059,
-126.3397

■ 212.8090, 12.9122,
-34.9125

■ 222.0340, 8.3642,
-22.8318

■ 231.5580, 3.6689,
-10.1364

■ 241.0820, -1.0264,
2.5591

■ 246.7190, -3.8055,
7.2624

■ 249.0670, -4.9630,
5.2032

Harmonies

Analogous

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



175.8270, 15.3683, -76.1473



174.7130, 31.6935, -85.6943



183.4910, 35.2539, -60.9436

Triad

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



174.7130, 31.6935, -85.6943



200.3810, 9.1792, 42.6389



192.0100, -32.0499, 13.1462

Complementary

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



174.7130, 31.6935, -85.6943



141.2870, -31.6935, 85.6943

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.



195.2780, -31.6891, 37.4672



174.7130, 31.6935, -85.6943



197.1250, -5.9776, 50.7564

Square

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



174.7130, 31.6935, -85.6943



199.3910, 23.9642, 13.6891



196.4120, -21.4021, 51.3817



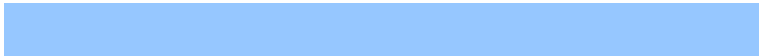
188.2280, -22.7904, -16.8630

Rectangle

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



174.7130, 31.6935, -85.6943



190.7330, 31.6836, -35.7228



196.4120, -21.4021, 51.3817



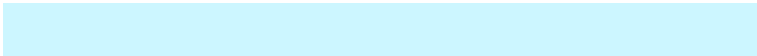
193.5380, -32.8032, 21.4532

Sweetspot

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



174.7130, 31.6935, -85.6943



234.4680, 10.1223, -26.7204



175.1720, -35.0878, -86.0968



115.2090, 6.3060, -15.9693



0.0000, 0.0000, 0.0000



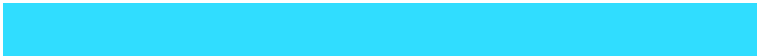
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.7130, 31.6935, -85.6943



173.1490, 40.3525, -109.7557



127.1660, 55.1342, -43.9956



115.2380, 2.3477, -6.3477



110.7870, 36.0940, -97.1602



33.9730, 10.8593, -29.7943

Inverse Universe

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



140.8280, 35.0878, 86.0968



129.6150, 45.0528, 109.9626



188.8340, -55.1342, 43.9956



112.7280, 2.5991, 6.3775



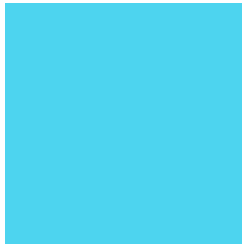
72.4580, 39.7072, 97.8223



22.1020, 12.2747, 29.7285

Previews

White Background



This preview shows how the YUV color 174.7130, 31.6935, -85.6943 looks on a white background.

Color Contrast Check

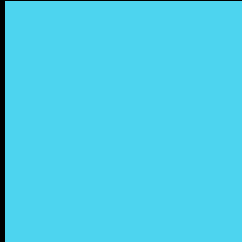
Large Text (above 18pt) WCAG AA × Fail

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 174.7130, 31.6935, -85.6943 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 174.7130, 31.6935, -85.6943 Background



This preview shows how black text looks on a background with the YUV color 174.7130, 31.6935, -85.6943.



This preview shows how white text looks on a background with the YUV color 174.7130, 31.6935, -85.6943.

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

174.7130, 31.6935, -85.6943

Protanopia

194.6800, 15.4408, -5.8584

Deuteranopia

195.2590, 24.0293, -7.2431



Tritanopia

172.8930, 28.6468, -88.4832

Trichromacy



Original Color

174.7130, 31.6935, -85.6943

Protanomaly

187.3990, 21.4953, -34.5529

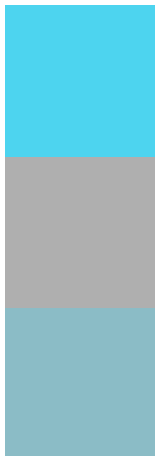
Deuteranomaly

187.7670, 26.7369, -35.7527

Tritanomaly

173.8330, 29.6623, -87.5535

Monochromacy



Original Color

174.7130, 31.6935, -85.6943

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.4890, 11.5909, -31.1239

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.7130, 31.6935, -85.6943 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(77, 212, 239)` looks like.

```
.text, #text, p{  
    color:rgb(77, 212, 239)  
}
```

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(77, 212, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 212, 239) }
```

Border

The CSS property to change the border of an element to YUV 174.7130, 31.6935, -85.6943 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(77, 212, 239) }
```


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

```
.border{ border-color:rgb(77, 212, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 212, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 212, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 212, 239);  
box-shadow:4px 4px 4px 4px rgb(77, 212,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 174.7130, 31.6935, -85.6943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 212, 239) }
```

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

```
.background{ background-color: rgb(77, 212,  
239) }
```

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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