

Converting Colors

YUV(176.1430, 29.5095,
-85.1944)

Have a look what the booklet for
YUV(176.1430, 29.5095, -85.1944)
contains.

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Color

**YUV(176.1430, 29.5095,
-85.1944)**

Conversions

Conversions Part 1

Format	Color
Hex	4FD6EC
RGB	79, 214, 236
RGB Percent	31%, 84%, 93%
CMY	0.6902, 0.1608, 0.0745
CMYK	0.67, 0.09, 0.00, 0.07
HSL	188°, 81%, 62%
HSV	188°, 67%, 93%
XYZ	42.4113, 55.8115, 87.8943
YIQ	176.1430, -87.5220, -21.7780

Conversions

Conversions Part 2

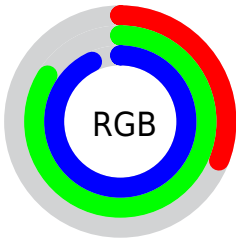
Format	Color
RYB	79, 152, 236
Decimal	5232364
CIELab	79.51, -29.59, -21.56
CIELCh	80, 36.607, 216.074
Yxy	55.8115, 0.2279, 0.2999
Android (android.graphics.Color)	4283422444 (0xFF4FD6EC)
YUV	176.1430, 29.5095, -85.1944
Hunter-Lab	74.7071, -29.4027, -17.4608

Details

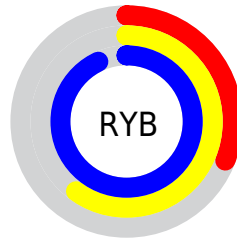
The YUV color **176.1430, 29.5095, -85.1944** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **138.8570, -29.5095, 85.1944**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **113.8530, 32.6105, -99.8491** is the 20% darker color. If you saturate the color by 10%, you get **167.2060, 33.9154, -98.4047**, and if you desaturate by 10%, it is **185.0800, 25.1036, -71.9842**.

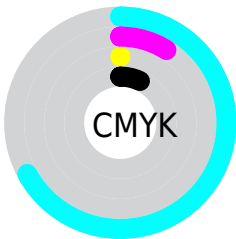
Distribution



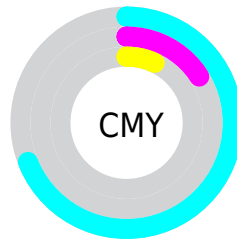
- Red (31%)
- Green (84%)
- Blue (93%)



- Red (31%)
- Yellow (60%)
- Blue (93%)



- Cyan (67%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (69%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1430, 29.5095, -85.1944 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 176.1430, 29.5095, -85.1944 by changing the saturation by 10% instead.

176.1430, 29.5095,
-85.1944

176.1430, 29.5095,
-85.1944

255.0000, 0.0000,
0.0000

143.3590, 31.8680,
-95.0308

222.1100, 16.2148,
-67.6255

113.8530, 32.6105,
-99.8491

231.3790, 11.6452,
-48.5674

94.9260, 28.6305,
-83.2501

240.6480, 7.0755,
-29.5093

77.2870, 24.5085,
-67.7807

249.9170, 2.5059,
-10.4512

59.7620, 20.8233,
-52.4113

43.5250, 16.9962,
-38.1714

27.9890, 13.3164,

-24.5464

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 176.1430, 29.5095,
-85.1944

■ 176.1430, 29.5095,
-85.1944

■ 167.2060, 33.9154,
-98.4047

■ 185.0800, 25.1036,
-71.9842

■ 157.9810, 38.4634,
-110.4853

■ 194.3050, 20.5556,
-59.9035

■ 149.0440, 42.8693,
-123.6956

■ 203.2420, 16.1497,
-46.6932

■ 146.0650, 44.3380,
-128.0990

■ 211.8800, 11.8912,
-34.0978

■ 221.4040, 7.1958,
-21.4023

■ 230.3410, 2.7899,
-8.1921

■ 238.9790, -1.4686,
4.4034

■ 244.0290, -3.9583,
9.6216

■ 246.3770, -5.1159,
7.5624

Harmonies

Analogous

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



178.9370, 11.8631, -71.8587



176.1430, 29.5095, -85.1944



183.7570, 35.1228, -65.5619

Triad

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



176.1430, 29.5095, -85.1944



201.9290, 11.3740, 38.6503



194.3310, -32.2082, 17.2497

Complementary

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



176.1430, 29.5095, -85.1944



138.8570, -29.5095, 85.1944

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.



196.9410, -30.5369, 41.2707



176.1430, 29.5095, -85.1944



198.3960, -3.6462, 49.6417

Square

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



176.1430, 29.5095, -85.1944



200.9990, 25.1435, 8.7709



196.9820, -19.2181, 50.8818



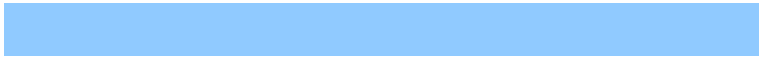
190.5060, -24.4065, -11.8448

Rectangle

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



176.1430, 29.5095, -85.1944



190.7000, 31.6999, -40.9559



196.9820, -19.2181, 50.8818



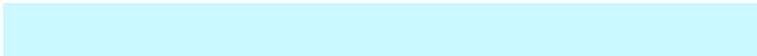
195.2720, -32.6721, 26.0715

Sweetspot

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



176.1430, 29.5095, -85.1944



235.6420, 9.5435, -27.7500



173.5530, -36.2616, -82.9230



115.7960, 6.0166, -16.4841



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.



176.1430, 29.5095, -85.1944



176.9810, 38.4634, -110.4853



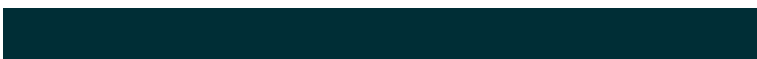
130.9440, 51.7926, -45.5549



113.1240, 1.9109, -6.2477



112.2060, 33.9154, -98.4047



33.1580, 10.2751, -29.0796

Inverse Universe

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



141.3330, 35.8248, 83.0230



131.9460, 46.3686, 107.9184



184.0560, -51.7926, 45.5549



110.4290, 2.7465, 5.7628



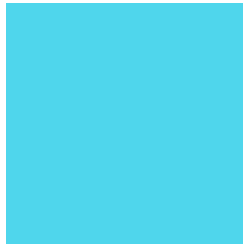
71.9030, 41.4598, 95.6781



21.3900, 12.1327, 28.5990

Previews

White Background



This preview shows how the YUV color 176.1430, 29.5095, -85.1944 looks on a white background.

Color Contrast Check

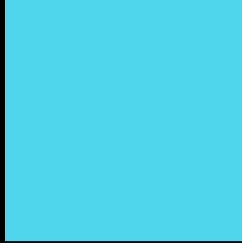
Large Text (above 18pt) WCAG AA × Fail

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 176.1430, 29.5095, -85.1944 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 176.1430, 29.5095, -85.1944 Background



This preview shows how black text looks on a background with the YUV color 176.1430, 29.5095, -85.1944.



This preview shows how white text looks on a background with the YUV color 176.1430, 29.5095, -85.1944.

-85.1944.

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

176.1430, 29.5095, -85.1944

Protanopia

196.4090, 13.1094, -4.7437

Deuteranopia

196.9990, 21.6925, -4.3841



Tritanopia

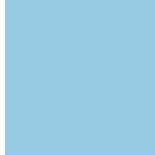
175.6760, 27.7677, -86.5389

Trichromacy



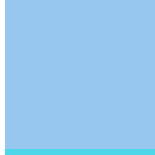
Original Color

176.1430, 29.5095, -85.1944



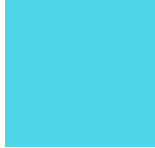
Protanomaly

188.8290, 19.3113, -34.0530



Deuteranomaly

189.2080, 24.5475, -33.5084



Tritanomaly

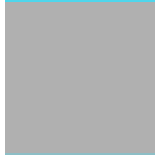
176.0890, 28.0571, -86.0241

Monochromacy



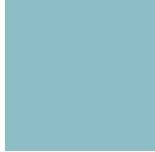
Original Color

176.1430, 29.5095, -85.1944



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.2610, 10.7173, -30.9239

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1430, 29.5095, -85.1944 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(79, 214, 236)` looks like.

```
.text, #text, p{  
    color:rgb(79, 214, 236)  
}
```

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(79, 214, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 214, 236) }
```

Border

The CSS property to change the border of an element to YUV 176.1430, 29.5095, -85.1944 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(79, 214, 236) }
```


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

```
.border{ border-color:rgb(79, 214, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 214, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 214, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 214, 236);  
box-shadow:4px 4px 4px 4px rgb(79, 214,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 176.1430, 29.5095, -85.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 214, 236) }
```

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

```
.background{ background-color: rgb(79, 214,  
236) }
```

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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