

# Converting Colors

YUV(177.0790, 26.5831,  
-79.8763)

Have a look what the booklet for  
YUV(177.0790, 26.5831, -79.8763)  
contains.

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# Color

**YUV(177.0790, 26.5831,  
-79.8763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	56D5E7
RGB	86, 213, 231
RGB Percent	34%, 84%, 91%
CMY	0.6627, 0.1647, 0.0941
CMYK	0.63, 0.08, 0.00, 0.09
HSL	187°, 75%, 62%
HSV	187°, 63%, 91%
XYZ	42.0558, 55.3365, 84.0657
YIQ	177.0790, -81.4700, -21.3260

# Conversions

## Conversions Part 2

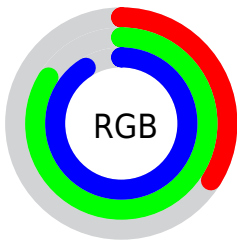
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	86, 154, 231
Decimal	5690855
CIE <sub>Lab</sub>	79.23, -29.49, -19.28
CIE <sub>LCh</sub>	79, 35.231, 213.178
Yxy	55.3365, 0.2318, 0.3050
Android (android.graphics.Color)	4283880935 (0xFF56D5E7)
YUV	177.0790, 26.5831, -79.8763
Hunter-Lab	74.3885, -29.2642, -14.9312

# Details

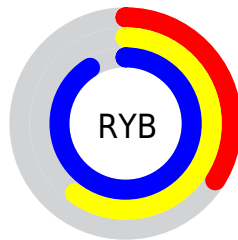
The YUV color **177.0790, 26.5831, -79.8763** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **139.9210, -26.5831, 79.8763**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, 15.4777, -64.5516**, and **112.6960, 30.7159, -98.8344** is the 20% darker color. If you saturate the color by 10%, you get **168.4410, 30.8416, -92.4718**, and if you desaturate by 10%, it is **185.7170, 22.3245, -67.2808**.

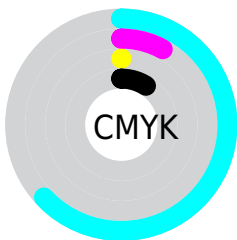
# Distribution



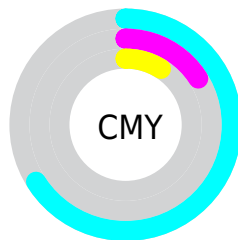
- Red (34%)
- Green (84%)
- Blue (91%)



- Red (34%)
- Yellow (60%)
- Blue (91%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (66%)
- Magenta (16%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.0790, 26.5831, -79.8763 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 177.0790, 26.5831, -79.8763 by changing the saturation by 10% instead.



177.0790, 26.5831,  
-79.8763

177.0790, 26.5831,  
-79.8763

255.0000, 0.0000,  
0.0000

146.0890, 28.0571,  
-86.0241

223.6050, 15.4777,  
-64.5516

112.6960, 30.7159,  
-98.8344

232.5750, 11.0555,  
-46.1083

94.4700, 26.8833,  
-82.8502

241.8440, 6.4859,  
-27.0502

76.2440, 23.0507,  
-66.8660

250.8140, 2.0637,  
-8.6069

58.7190, 19.3655,  
-51.4966

42.4820, 15.5384,  
-37.2567

27.5330, 11.5692,

-24.1464

■ 4.7080, 12.9620,  
-4.1289

■ 0.2280, 0.8736,  
-0.2000

■ 177.0790, 26.5831,  
-79.8763

■ 177.0790, 26.5831,  
-79.8763

■ 168.4410, 30.8416,  
-92.4718

■ 185.7170, 22.3245,  
-67.2808

■ 159.8030, 35.1001,  
-105.0672

■ 194.3550, 18.0660,  
-54.6853

■ 151.1650, 39.3587,  
-117.6627

■ 202.9930, 13.8075,  
-42.0899

■ 144.9080, 42.4434,  
-127.0843

■ 211.0440, 9.8383,  
-28.9796

■ 219.9810, 5.4324,  
-15.7693

■ 228.6190, 1.1738,  
-3.1739

■ 237.2570, -3.0847,  
9.4216

■ 241.1110, -4.9847,  
12.1807

■ 242.8720, -5.8529,  
10.6363

# Harmonies

## Analogous

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



179.6990, 9.5154, -65.5110



177.0790, 26.5831, -79.8763



183.9420, 34.5386, -64.8471

# Triad

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



177.0790, 26.5831, -79.8763



201.1350, 12.2584, 34.9616



193.8690, -31.4874, 19.4089

# Complementary

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



177.0790, 26.5831, -79.8763



139.9210, -26.5831, 79.8763

# 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.



196.8100, -28.5003, 41.3856



177.0790, 26.5831, -79.8763



199.3250, -2.6252, 48.8270

# Square

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



177.0790, 26.5831, -79.8763



199.6780, 25.3017, 4.6674



197.4380, -17.4709, 50.4819



190.1150, -24.7067, -8.8709

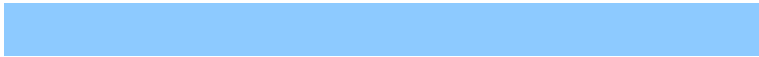


# Rectangle

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



177.0790, 26.5831, -79.8763



189.8030, 32.1421, -42.8002



197.4380, -17.4709, 50.4819



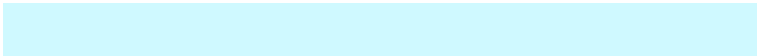
195.2120, -31.6565, 27.0011

# Sweetspot

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



177.0790, 26.5831, -79.8763



237.1260, 8.8119, -26.4205



173.0530, -34.5361, -76.3455



116.6820, 5.5798, -16.3841



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.



177.0790, 26.5831, -79.8763



183.8030, 35.1001, -105.0672



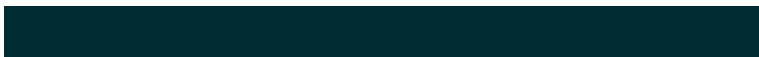
135.4020, 47.1298, -43.3256



110.2380, 2.3477, -6.3477



111.9780, 33.0418, -98.2047



32.2290, 9.2541, -28.2648



# Inverse Universe

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



143.8330, 34.0993, 76.4455



140.1470, 44.7905, 100.7261



181.5980, -47.1298, 43.3256



107.7280, 2.5991, 6.3775



71.3050, 41.7546, 94.4485

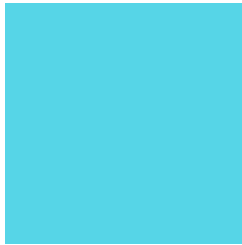


20.3790, 12.1382, 26.8546



# Previews

## White Background



This preview shows how the YUV color 177.0790, 26.5831, -79.8763 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

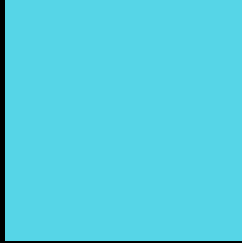
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 177.0790, 26.5831, -79.8763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

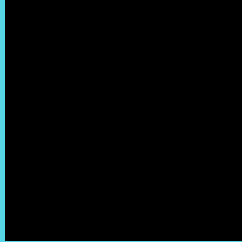
Any Text WCAG AA ✓ Pass

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 177.0790, 26.5831, -79.8763 Background



This preview shows how black text looks on a background with the YUV color 177.0790, 26.5831, -79.8763.



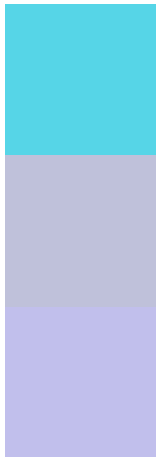
This preview shows how white text looks on a background with the YUV color 177.0790, 26.5831, -79.8763.

-79.8763.

# 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

177.0790, 26.5831, -79.8763

### Protanopia

195.2520, 11.2148, -3.7290

### Deuteranopia

196.7280, 19.3611, -3.2695



## Tritanopia

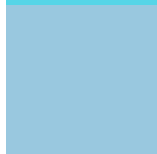
176.9650, 26.1463, -79.7763

# Trichromacy



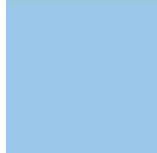
## Original Color

177.0790, 26.5831, -79.8763



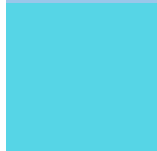
## Protanomaly

188.5690, 16.9745, -31.1940



## Deuteranomaly

189.5350, 21.9212, -31.1642



## Tritanomaly

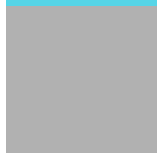
176.9650, 26.1463, -79.7763

# Monochromacy



## Original Color

177.0790, 26.5831, -79.8763



## Achromatopsia

177.0000, 0.0000, 0.0000



## Achromatomaly

177.0440, 9.8383, -28.9796

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.0790, 26.5831, -79.8763 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, 213, 231)` looks like.

```
.text, #text, p{  
    color:rgb(86, 213, 231)  
}
```

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, 213, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 213, 231) }
```

## Border

The CSS property to change the border of an element to YUV 177.0790, 26.5831, -79.8763 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, 213, 231) }
```



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

```
.border{ border-color:rgb(86, 213, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 213, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 213, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 213, 231);  
box-shadow:4px 4px 4px 4px rgb(86, 213,  
231) }
```

# Background

The CSS property to change the background color of an element to YUV 177.0790, 26.5831, -79.8763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 213, 231) }
```

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

```
.background{ background-color: rgb(86, 213,  
231) }
```

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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