

# Converting Colors

YUV(170.4230, 21.4835,  
-77.5470)

Have a look what the booklet for  
YUV(170.4230, 21.4835, -77.5470)  
contains.

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# Color

**YUV(170.4230, 21.4835,  
-77.5470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	52CFD6
RGB	82, 207, 214
RGB Percent	32%, 81%, 84%
CMY	0.6784, 0.1882, 0.1608
CMYK	0.62, 0.03, 0.00, 0.16
HSL	183°, 62%, 58%
HSV	183°, 62%, 84%
XYZ	37.9301, 51.2745, 71.5162
YIQ	170.4230, -76.7470, -24.3230

# Conversions

## Conversions Part 2

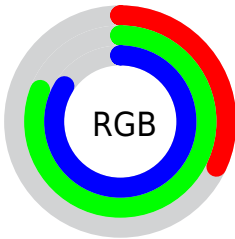
Format	Color
R <sub>Y</sub> B	82, 146, 214
Decimal	5427158
CIE Lab	76.85, -32.08, -13.77
CIE LCh	77, 34.910, 203.238
Yxy	51.2745, 0.2360, 0.3190
Android (android.graphics.Color)	4283617238 (0xFF52CFD6)
YUV	170.4230, 21.4835, -77.5470
Hunter-Lab	71.6062, -30.7588, -9.0911




# Details

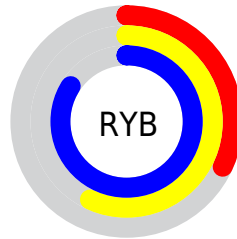
The YUV color **170.4230, 21.4835, -77.5470** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **125.5770, -21.4835, 77.5470**, and the grayscale version is **170.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **107.3500, 25.4635, -94.1459** is the 20% darker color. If you saturate the color by 10%, you get **163.5570, 24.8684, -89.9425**, and if you desaturate by 10%, it is **177.2890, 18.0985, -65.1515**.

# Distribution







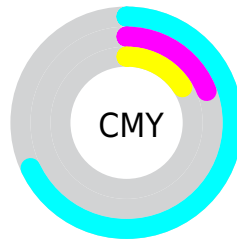
-  Red (32%)
-  Green (81%)
-  Blue (84%)






-  Red (32%)
-  Yellow (57%)
-  Blue (84%)



-  Cyan (62%)
-  Magenta (3%)
-  Yellow (0%)
-  Black (16%)



-  Cyan (68%)
-  Magenta (19%)
-  Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 170.4230, 21.4835, -77.5470 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 170.4230, 21.4835, -77.5470 by changing the saturation by 10% instead.



■ 170.4230, 21.4835,  
-77.5470

■ 170.4230, 21.4835,  
-77.5470

■ 255.0000, 0.0000,  
0.0000

■ 139.4330, 22.9575,  
-83.6947

■ 222.1100, 16.2148,  
-67.6255

■ 107.3500, 25.4635,  
-94.1459

■ 231.0800, 11.7926,  
-49.1822

■ 89.1240, 21.6309,  
-78.1617

■ 240.0500, 7.3704,  
-30.7388

■ 71.0120, 18.2351,  
-62.2775

■ 249.0200, 2.9481,  
-12.2955

■ 54.1880, 14.6973,  
-47.5229

■ 37.4780, 11.5963,  
-32.8682

■ 23.8170, 7.4852,

-20.8875

■ 2.6390, 7.5730,  
-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 170.4230, 21.4835,  
-77.5470

■ 170.4230, 21.4835,  
-77.5470

■ 163.5570, 24.8684,  
-89.9425

■ 177.2890, 18.0985,  
-65.1515

■ 156.3920, 28.4007,  
-102.9528

■ 184.4540, 14.5662,  
-52.1412


■ 149.5260, 31.7857,  
-115.3483

■ 191.3200, 11.1812,  
-39.7456

■ 143.5570, 34.7284,  
-125.8995

■ 199.0720, 7.3595,  
-27.2501

 205.9380, 3.9746,  
-14.8546

 212.8040, 0.5896,  
-2.4591

 219.9690, -2.9427,  
10.5512

 226.8350, -6.3277,  
22.9467

 228.0200, -6.9119,  
23.6615

# Harmonies

## Analogous

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



175.3320, 2.7943, -56.4192



170.4230, 21.4835, -77.5470



173.7300, 32.6711, -72.5542

# Triad

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



170.4230, 21.4835, -77.5470



194.6330, 16.9429, 25.7549



188.4400, -30.7829, 26.8011

# Complementary

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



170.4230, 21.4835, -77.5470



125.5770, -21.4835, 77.5470

# 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.



190.6410, -25.4590, 45.9188



170.4230, 21.4835, -77.5470



194.1660, 1.8902, 47.2124

# Square

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



170.4230, 21.4835, -77.5470



191.4100, 28.3919, -6.4986



192.8990, -13.2612, 53.5856



184.8990, -27.0652, 0.9656



# Rectangle

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



170.4230, 21.4835, -77.5470



180.4210, 34.7954, -53.8662



192.8990, -13.2612, 53.5856



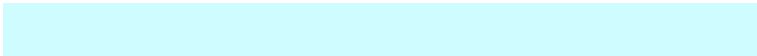
189.0110, -30.0784, 34.1934

# Sweetspot

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



170.4230, 21.4835, -77.5470



238.8870, 7.9437, -27.9649



160.2820, -35.1420, -68.6533



117.8560, 5.0010, -17.4137



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.



170.4230, 21.4835, -77.5470



192.6190, 30.7538, -111.0449



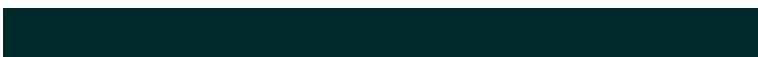
131.6810, 40.5833, -43.5702



103.7110, 1.6215, -6.7625



114.5880, 27.8111, -100.4937



28.9690, 6.9173, -25.4058



# Inverse Universe

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



135.7180, 35.1420, 68.6533



142.9170, 50.3269, 98.2968



164.3190, -40.5833, 43.5702



100.5430, 3.1833, 5.6628



69.5970, 45.5547, 88.9304

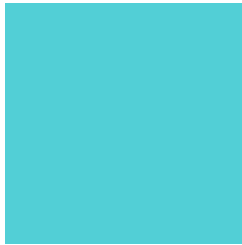


17.5310, 11.5702, 22.3363



# Previews

## White Background



This preview shows how the YUV color 170.4230, 21.4835, -77.5470 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

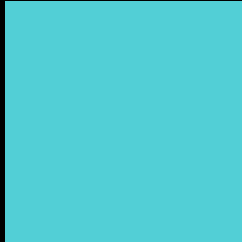
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 170.4230, 21.4835, -77.5470 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

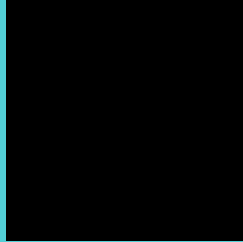
Any Text WCAG AA ✓ Pass

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 170.4230, 21.4835, -77.5470 Background



This preview shows how black text looks on a background with the YUV color 170.4230, 21.4835, -77.5470.



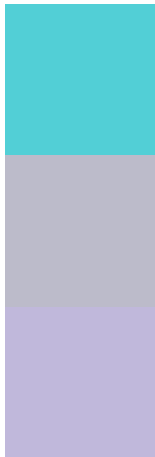
This preview shows how white text looks on a background with the YUV color 170.4230, 21.4835, -77.5470.

-77.5470.

# 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

170.4230, 21.4835, -77.5470

### Protanopia

189.0090, 6.4046, -0.8849

### Deuteranopia

190.3820, 14.1087, 1.4190



## Tritanopia

171.9440, 24.6776, -75.3729

# Trichromacy



## Original Color

170.4230, 21.4835, -77.5470



## Protanomaly

181.9130, 11.8749, -28.8647



## Deuteranomaly

182.8900, 16.8162, -27.0905



## Tritanomaly

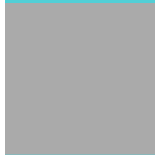
171.3030, 23.5146, -75.6877

# Monochromacy



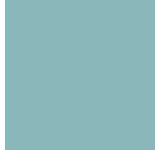
## Original Color

170.4230, 21.4835, -77.5470



## Achromatopsia

170.0000, 0.0000, 0.0000



## Achromatomaly

169.8870, 7.9437, -27.9649

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.4230, 21.4835, -77.5470 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(82, 207, 214)` looks like.

```
.text, #text, p{  
    color:rgb(82, 207, 214)  
}
```

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(82, 207, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 207, 214) }
```

## Border

The CSS property to change the border of an element to YUV 170.4230, 21.4835, -77.5470 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(82, 207, 214) }
```



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

```
.border{ border-color:rgb(82, 207, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 207, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 207, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 207, 214);  
box-shadow:4px 4px 4px 4px rgb(82, 207,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 170.4230, 21.4835, -77.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 207, 214) }
```

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

```
.background{ background-color: rgb(82, 207,  
214) }
```

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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