

# Converting Colors

YUV(177.3000, 14.6421,  
-76.5621)

Have a look what the booklet for  
YUV(177.3000, 14.6421, -76.5621)  
contains.

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# Color

**YUV(177.3000, 14.6421,  
-76.5621)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD8CF
RGB	90, 216, 207
RGB Percent	35%, 85%, 81%
CMY	0.6471, 0.1529, 0.1882
CMYK	0.58, 0.00, 0.04, 0.15
HSL	176°, 62%, 60%
HSV	176°, 58%, 85%
XYZ	40.0348, 55.7904, 67.6901
YIQ	177.3000, -72.2070, -29.5110

# Conversions

## Conversions Part 2

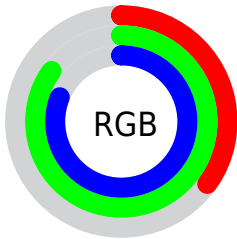
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 155, 216
Decimal	5953743
CIELab	79.49, -36.81, -6.05
CIElCh	79, 37.304, 189.331
Yxy	55.7904, 0.2448, 0.3412
Android (android.graphics.Color)	4284143823 (0xFF5AD8CF)
YUV	177.3000, 14.6421, -76.5621
Hunter-Lab	74.6930, -35.0382, -1.4461

# Details

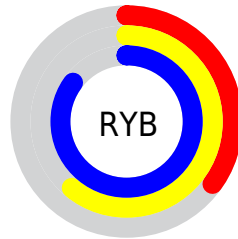
The YUV color **177.3000, 14.6421, -76.5621** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **128.7000, -14.6421, 76.5621**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.9040, 15.3303, -63.9368**, and **111.9490, 20.2381, -98.1793** is the 20% darker color. If you saturate the color by 10%, you get **170.4940, 17.0115, -89.8872**, and if you desaturate by 10%, it is **184.1060, 12.2727, -63.2370**.

# Distribution



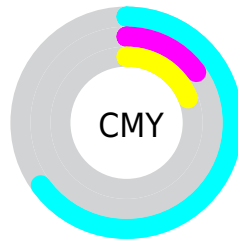
- Red (35%)
- Green (85%)
- Blue (81%)



- Red (35%)
- Yellow (61%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 177.3000, 14.6421, -76.5621 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 177.3000, 14.6421, -76.5621 by changing the saturation by 10% instead.



■ 177.3000, 14.6421,  
-76.5621

■ 177.3000, 14.6421,  
-76.5621

255.0000, 0.0000,  
0.0000

■ 147.3210, 16.1107,  
-80.9655

■ 223.9040, 15.3303,  
-63.9368

■ 111.9490, 20.2381,  
-98.1793

■ 232.8740, 10.9081,  
-45.4935

■ 93.1360, 16.6950,  
-81.6803

■ 241.8440, 6.4859,  
-27.0502

■ 75.0240, 13.2992,  
-65.7960

■ 251.1130, 1.9163,  
-7.9921

■ 57.6130, 10.0508,  
-50.5266

■ 40.9030, 6.9498,  
-35.8719

■ 26.1820, 3.8543,

-22.9616

■ 1.3680, 5.2416,  
-1.1997

■ 0.0000, 0.0000,  
0.0000

■ 177.3000, 14.6421,  
-76.5621

■ 177.3000, 14.6421,  
-76.5621

■ 170.4940, 17.0115,  
-89.8872

■ 184.1060, 12.2727,  
-63.2370

■ 164.1010, 19.6702,  
-102.6976

■ 190.4990, 9.6140,  
-50.4266

■ 157.2950, 22.0396,  
-116.0227

■ 197.3050, 7.2446,  
-37.1015

■ 150.9020, 24.6983,  
-128.8331

■ 203.6980, 4.5859,  
-24.2911

■ 149.7060, 25.2879,  
-131.2922

■ 210.5040, 2.2165,  
-10.9660

■ 217.1960, -0.5896,  
2.4591

■ 223.7030, -2.8116,  
15.1695

■ 228.0030, -4.4385,  
23.6764

■ 228.2310, -3.5649,  
23.4764

# Harmonies

## Analogous

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



183.9820, -6.4001, -47.3422



177.3000, 14.6421, -76.5621



175.4030, 31.8463, -88.0534

# Triad

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



177.3000, 14.6421, -76.5621



200.9070, 24.6958, 12.3596



196.9900, -31.5471, 38.5968

# Complementary

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



177.3000, 14.6421, -76.5621



128.7000, -14.6421, 76.5621

# 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.



197.2270, -20.8179, 50.6669



177.3000, 14.6421, -76.5621



202.1960, 9.7634, 41.9241

# Square

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



177.3000, 14.6421, -76.5621



194.3430, 29.9039, -24.8568



197.9400, -5.3934, 50.0416



193.6080, -32.3447, 14.3758



# Rectangle

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



177.3000, 14.6421, -76.5621



181.0440, 36.4603, -74.5836



197.9400, -5.3934, 50.0416



197.9030, -29.5322, 45.6891

# Sweetspot

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



177.3000, 14.6421, -76.5621



240.9040, 5.4703, -27.9798



167.2510, -38.0847, -58.1021



118.9870, 2.9644, -17.5286



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.



177.3000, 14.6421, -76.5621



200.2960, 20.5601, -108.1306



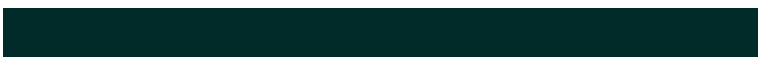
147.8020, 33.6216, -50.6924



103.5970, 1.1847, -6.6626



118.5030, 19.9650, -103.9271



29.8010, 5.0281, -26.1355



# Inverse Universe

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



128.7000, -14.6421, 76.5621



131.5900, -20.9969, 108.2306



158.7850, -33.9110, 50.1776



99.4030, -1.1847, 6.6626



52.4970, -19.9650, 103.9271

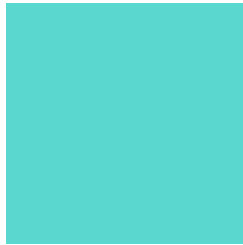


13.1990, -5.0281, 26.1355



# Previews

## White Background



This preview shows how the YUV color 177.3000, 14.6421, -76.5621 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

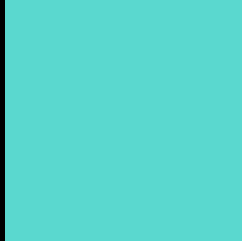
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 177.3000, 14.6421, -76.5621 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

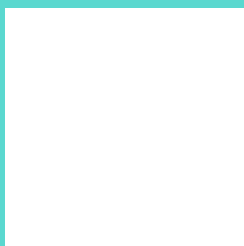
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 177.3000, 14.6421, -76.5621 Background



This preview shows how black text looks on a background with the YUV color 177.3000, 14.6421, -76.5621.



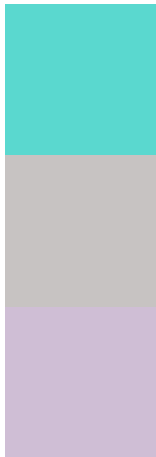
This preview shows how white text looks on a background with the YUV color 177.3000, 14.6421, -76.5621.

-76.5621.

# 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

177.3000, 14.6421, -76.5621

### Protanopia

196.0820, -1.0264, 2.5591

### Deuteranopia

197.7050, 7.5404, 8.1517



## Tritanopia

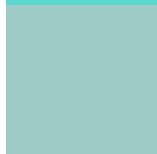
180.8520, 24.2300, -71.7842

# Trichromacy



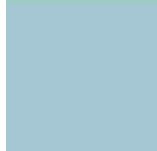
## Original Color

177.3000, 14.6421, -76.5621



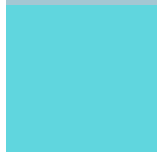
## Protanomaly

189.3880, 4.7387, -26.6503



## Deuteranomaly

189.9030, 10.4008, -22.7169



## Tritanomaly

179.6300, 20.8884, -73.3435

# Monochromacy



## Original Color

177.3000, 14.6421, -76.5621



## Achromatopsia

177.0000, 0.0000, 0.0000



## Achromatomaly

176.9040, 5.4703, -27.9798

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 177.3000, 14.6421, -76.5621 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(90, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(90, 216, 207)  
}
```

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(90, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 216, 207) }
```

## Border

The CSS property to change the border of an element to YUV 177.3000, 14.6421, -76.5621 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(90, 216, 207) }
```



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

```
.border{ border-color:rgb(90, 216, 207) }
```

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

Here you see how a box with a 4 pixel rgb(90, 216, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(90, 216,  
207) }
```

# Background

The CSS property to change the background color of an element to YUV 177.3000, 14.6421, -76.5621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 216, 207) }
```

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

```
.background{ background-color: rgb(90, 216,  
207) }
```

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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