

# Converting Colors

YUV(141.8300, 30.6498,  
-124.3849)

Have a look what the booklet for  
YUV(141.8300, 30.6498, -124.3849)  
contains.

<b>YUV(141.8300, 30.6498, -124.3849)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(141.8300, 30.6498,  
-124.3849)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00CACC
RGB	0, 202, 204
RGB Percent	0%, 79%, 80%
CMY	1.0000, 0.2078, 0.2000
CMYK	1.00, 0.01, 0.00, 0.20
HSL	181°, 100%, 40%
HSV	181°, 100%, 80%
XYZ	32.0196, 46.6007, 64.4340
YIQ	141.8300, -121.0340, -42.2020

# Conversions

## Conversions Part 2

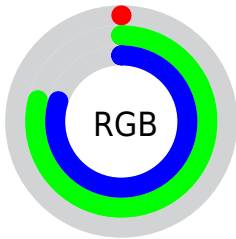
Format	Color
<a href="#">RYB</a>	0, 101, 204
Decimal	51916
CIELab	73.93, -39.74, -12.85
CIELCh	74, 41.766, 197.925
Yxy	46.6007, 0.2238, 0.3258
Android (android.graphics.Color)	4278241996 (0xFF00CACC)
YUV	141.8300, 30.6498, -124.3849
Hunter-Lab	68.2647, -35.7377, -8.1776

# Details

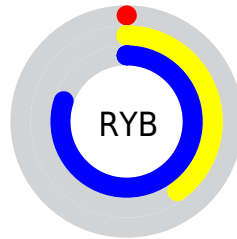
The YUV color **141.8300, 30.6498, -124.3849** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **62.1700, -30.6498, 124.3849**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4490, 21.9636, -91.6018**, and **103.3890, 22.9792, -90.6722** is the 20% darker color. If you saturate the color by 10%, you get **141.8300, 30.6498, -124.3849**, and if you desaturate by 10%, it is **147.8100, 27.7017, -112.0894**.

# Distribution



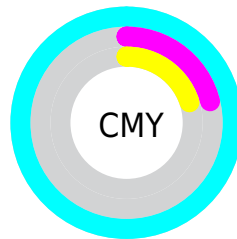
- Red (0%)
- Green (79%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (21%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.8300, 30.6498, -124.3849 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 141.8300, 30.6498, -124.3849 by changing the saturation by 10% instead.



141.8300, 30.6498,  
-124.3849

141.8300, 30.6498,  
-124.3849

255.0000, 0.0000,  
0.0000

122.3160, 26.9592,  
-107.2711

210.4490, 21.9636,  
-91.6018

103.3890, 22.9792,  
-90.6722

220.3160, 17.0992,  
-71.3141

85.1630, 19.1466,  
-74.6880

229.8840, 12.3822,  
-51.6413

67.0510, 15.7509,  
-58.8037

239.4520, 7.6652,  
-31.9684

50.2270, 12.2131,  
-44.0491

248.7210, 3.0955,  
-12.9103

33.6310, 9.5489,  
-29.4944

17.1490, 7.3215,

-15.0397

■ 0.6840, 2.6208,  
-0.5999

■ 0.0000, 0.0000,  
0.0000

■ 141.8300, 30.6498,  
-124.3849

■ 147.8100, 27.7017,  
-112.0894

■ 154.0890, 24.6061,  
-99.1791

■ 160.6560, 21.3686,  
-87.3983

■ 166.9350, 18.2730,  
-74.4880

■ 172.9150, 15.3249,  
-62.1925

■ 178.8950, 12.3768,  
-49.8969

■ 185.1740, 9.2812,  
-36.9866

■ 191.7410, 6.0437,  
-25.2059

■ 198.0200, 2.9481,  
-12.2955

# Harmonies

## Analogous

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



163.2940, 0.3481, -65.1558



141.8300, 30.6498, -124.3849



143.3580, 46.6585, -125.7250

# Triad

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



141.8300, 30.6498, -124.3849



186.2290, 23.0581, 24.3552



180.1160, -36.0462, 34.9783

# Complementary

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



141.8300, 30.6498, -124.3849



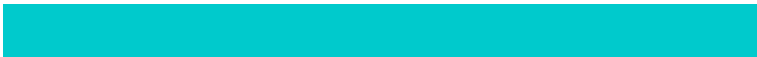
62.1700, -30.6498, 124.3849

# 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.



182.4250, -27.8175, 55.7553



141.8300, 30.6498, -124.3849



186.0510, 6.3839, 52.5753

# Square

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



141.8300, 30.6498, -124.3849



182.1790, 35.4078, -16.8200



183.7090, -11.6885, 62.5222



176.9830, -34.5016, 6.1539



# Rectangle

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



141.8300, 30.6498, -124.3849



162.3510, 44.1970, -82.7458



183.7090, -11.6885, 62.5222



181.2140, -34.6155, 42.7853

# Sweetspot

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



141.8300, 30.6498, -124.3849



231.6890, 11.4923, -46.2083



119.7480, -59.0358, -105.0190



113.6590, 7.0701, -27.7649



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.



141.8300, 30.6498, -124.3849



177.5810, 38.1676, -155.7385



83.1300, 59.5889, -72.9050



99.0100, 1.4741, -6.1478



115.1920, 25.0483, -101.0234



26.6380, 5.6015, -23.3615



# Inverse Universe

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



84.0240, 58.1622, 105.2190



105.0870, 72.9211, 131.4737



120.8700, -59.5889, 72.9050



96.1300, 2.8939, 5.1480



68.3300, 47.1653, 85.6566

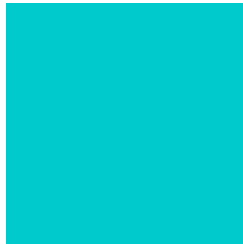


15.6940, 10.9969, 19.5624



# Previews

## White Background



This preview shows how the YUV color 141.8300, 30.6498, -124.3849 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 141.8300, 30.6498, -124.3849 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

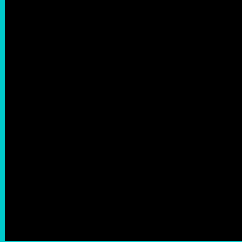
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

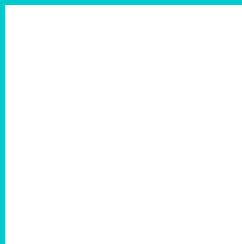
Any Text WCAG AAA ✓ Pass

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

# YUV 141.8300, 30.6498, -124.3849 Background



This preview shows how black text looks on a background with the YUV color 141.8300, 30.6498, -124.3849.



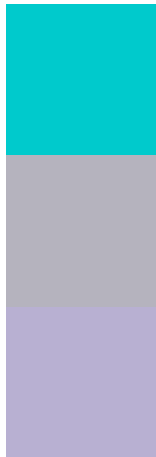
This preview shows how white text looks on a background with the YUV color 141.8300, 30.6498, -124.3849.



# 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

141.8300, 30.6498, -124.3849

### Protanopia

180.8520, 4.5100, 0.1298

### Deuteranopia

182.2680, 13.6719, 1.5190



## Tritanopia

152.4890, 31.3109, -103.0379

# Trichromacy



## Original Color

141.8300, 30.6498, -124.3849

## Protanomaly

166.3840, 14.1077, -45.0638

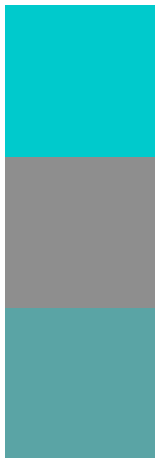
## Deuteranomaly

167.2900, 20.0700, -44.1043

## Tritanomaly

148.7330, 31.1906, -111.1448

# Monochromacy



## Original Color

141.8300, 30.6498, -124.3849

## Achromatopsia

142.0000, 0.0000, 0.0000

## Achromatomaly

141.9880, 11.3449, -45.5935

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.8300, 30.6498, -124.3849 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(0, 202, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 202, 204)  
}
```

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(0, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 202, 204) }
```

## Border

The CSS property to change the border of an element to YUV 141.8300, 30.6498, -124.3849 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(0, 202, 204) }
```



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

```
.border{ border-color:rgb(0, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 202, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 202, 204); box-shadow:4px 4px 4px 4px rgb(0, 202, 204) }
```

# Background

The CSS property to change the background color of an element to YUV 141.8300, 30.6498, -124.3849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 202, 204) }
```

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

```
.background{ background-color: rgb(0, 202,  
204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor