

# Converting Colors

YUV(165.9490, 33.5491,  
-120.9813)

Have a look what the booklet for  
YUV(165.9490, 33.5491, -120.9813)  
contains.

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# Color

**YUV(165.9490, 33.5491,  
-120.9813)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CDFEA
RGB	28, 223, 234
RGB Percent	11%, 87%, 92%
CMY	0.8902, 0.1255, 0.0824
CMYK	0.88, 0.05, 0.00, 0.08
HSL	183°, 83%, 51%
HSV	183°, 88%, 92%
XYZ	41.7178, 58.9627, 87.0241
YIQ	165.9490, -119.7510, -37.9190

# Conversions

## Conversions Part 2

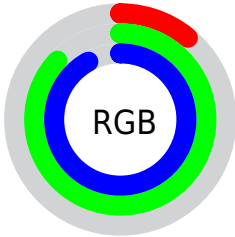
Format	Color
R <sub>Y</sub> B	28, 128, 234
Decimal	1892330
CIE Lab	81.27, -39.29, -17.90
CIE LCh	81, 43.173, 204.490
Yxy	58.9627, 0.2223, 0.3141
Android (android.graphics.Color)	4280082410 (0xFF1CDFEA)
YUV	165.9490, 33.5491, -120.9813
Hunter-Lab	76.7872, -37.4000, -13.4432

# Details

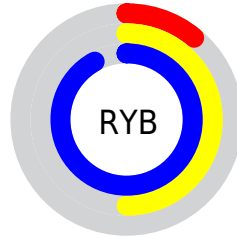
The YUV color **165.9490, 33.5491, -120.9813** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **96.0510, -33.5491, 120.9813**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3360, 20.0474, -83.6097**, and **118.3210, 29.4217, -103.7675** is the 20% darker color. If you saturate the color by 10%, you get **158.4850, 37.2289, -134.6063**, and if you desaturate by 10%, it is **173.4130, 29.8694, -107.3562**.

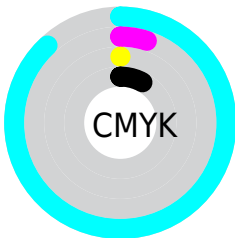
# Distribution



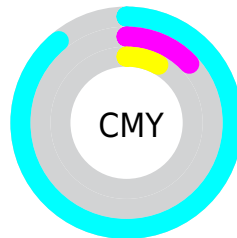
- Red (11%)
- Green (87%)
- Blue (92%)



- Red (11%)
- Yellow (50%)
- Blue (92%)



- Cyan (88%)
- Magenta (5%)
- Yellow (0%)
- Black (8%)



- Cyan (89%)
- Magenta (13%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.9490, 33.5491, -120.9813 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 165.9490, 33.5491, -120.9813 by changing the saturation by 10% instead.



165.9490, 33.5491,  
-120.9813

165.9490, 33.5491,  
-120.9813

255.0000, 0.0000,  
0.0000

137.9490, 33.5491,  
-120.9813

214.3360, 20.0474,  
-83.6097

118.3210, 29.4217,  
-103.7675

224.5020, 15.0355,  
-62.7073

99.5080, 25.8786,  
-87.2685

234.0700, 10.3185,  
-43.0344

81.2820, 22.0460,  
-71.2843

243.6380, 5.6015,  
-23.3615

63.7570, 18.3608,  
-55.9149

253.2060, 0.8844,  
-3.6887

46.9330, 14.8230,  
-41.1602

31.3970, 11.1433,

-27.5352

■ 10.2190, 11.2310,  
-8.9621

■ 0.7980, 3.0576,  
-0.6998

■ 165.9490, 33.5491,  
-120.9813

■ 165.9490, 33.5491,  
-120.9813

■ 158.4850, 37.2289,  
-134.6063

■ 173.4130, 29.8694,  
-107.3562

■ 156.9900, 37.9659,  
-137.6802

■ 181.1760, 26.0422,  
-93.1164

■ 189.2270, 22.0731,  
-80.0061

■ 196.9900, 18.2459,  
-65.7662

■ 204.4540, 14.5662,  
-52.1412

■ 211.9180, 10.8864,  
-38.5161

■ 220.2680, 6.7699,  
-24.7910

■ 227.7320, 3.0901,  
-11.1660

■ 235.4950, -0.7370,  
3.0739

# Harmonies

## Analogous

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



180.7100, 6.0590, -76.9217



165.9490, 33.5491, -120.9813



173.1820, 40.3363, -104.5226

# Triad

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



165.9490, 33.5491, -120.9813



207.6000, 20.4102, 33.6768



199.6980, -38.7981, 30.9599

# Complementary

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



165.9490, 33.5491, -120.9813



96.0510, -33.5491, 120.9813

# 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.



199.2840, -30.7060, 48.8629



165.9490, 33.5491, -120.9813



200.6760, 5.0897, 47.6421

# Square

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



165.9490, 33.5491, -120.9813



201.5520, 26.3499, -4.8691



196.5890, -13.1084, 51.2264



196.0530, -34.0431, -0.9235



# Rectangle

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



165.9490, 33.5491, -120.9813



184.9090, 34.5549, -70.0802



196.5890, -13.1084, 51.2264



200.6930, -37.8096, 40.6112

# Sweetspot

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



165.9490, 33.5491, -120.9813



232.9180, 10.8864, -38.5161



150.0620, -55.2466, -107.0484



114.2790, 6.7645, -23.0467



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.



165.9490, 33.5491, -120.9813



170.5370, 41.6403, -149.5609



106.0750, 63.0670, -68.4718



113.7110, 1.6215, -6.7625



121.0110, 29.5746, -106.1266



36.0930, 8.8282, -31.6536



# Inverse Universe

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



111.8240, 54.8098, 107.1484



103.7190, 67.6795, 132.6734



155.9250, -63.0670, 68.4718



110.5430, 3.1833, 5.6628



73.6130, 48.0118, 94.1784

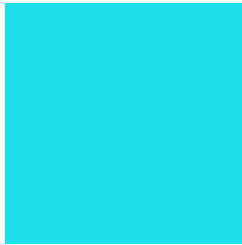


21.9600, 14.3167, 28.0991



# Previews

## White Background



This preview shows how the YUV color 165.9490, 33.5491, -120.9813 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

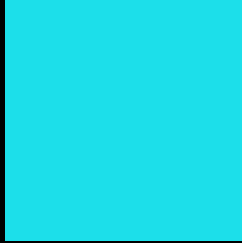
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 165.9490, 33.5491, -120.9813 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

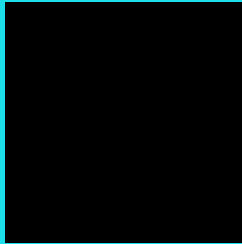
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

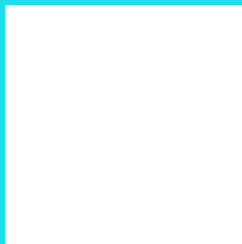
Any Text WCAG AAA ✓ Pass

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

# **YUV 165.9490, 33.5491, -120.9813 Background**



This preview shows how black text looks on a background with the YUV color 165.9490, 33.5491, -120.9813.



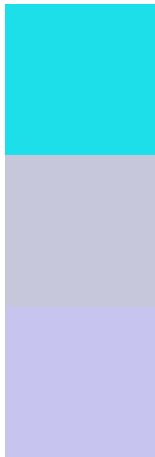
This preview shows how white text looks on a background with the YUV color 165.9490, 33.5491, -120.9813.

-120.9813.

# 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

165.9490, 33.5491, -120.9813

### Protanopia

200.8670, 8.4466, -2.5144

### Deuteranopia

202.2120, 18.6295, -1.9399



## Tritanopia

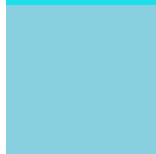
169.0360, 34.9853, -114.9186

# Trichromacy



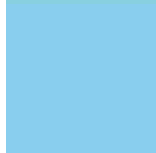
## Original Color

165.9490, 33.5491, -120.9813



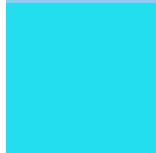
## Protanomaly

188.2960, 17.6021, -45.8636



## Deuteranomaly

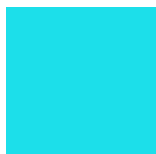
189.0170, 24.1486, -45.6189



## Tritanomaly

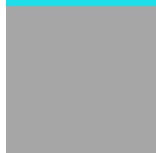
167.6120, 34.7013, -117.1777

# Monochromacy



## Original Color

165.9490, 33.5491, -120.9813



## Achromatopsia

166.0000, 0.0000, 0.0000



## Achromatomaly

166.2270, 12.2131, -44.0491

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.9490, 33.5491, -120.9813 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(28, 223, 234)` looks like.

```
.text, #text, p{  
    color:rgb(28, 223, 234)  
}
```

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(28, 223, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 223, 234) }
```

## Border

The CSS property to change the border of an element to YUV 165.9490, 33.5491, -120.9813 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(28, 223, 234) }
```



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

```
.border{ border-color:rgb(28, 223, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 223, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 223, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 223, 234);  
box-shadow:4px 4px 4px 4px rgb(28, 223,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 165.9490, 33.5491, -120.9813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 223, 234) }
```

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

```
.background{ background-color: rgb(28, 223,  
234) }
```

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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