

# Converting Colors

YUV(137.1340, 32.9649,  
-120.2665)

Have a look what the booklet for  
YUV(137.1340, 32.9649, -120.2665)  
contains.

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# Color

**YUV(137.1340, 32.9649,  
-120.2665)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00C2CC
RGB	0, 194, 204
RGB Percent	0%, 76%, 80%
CMY	1.0000, 0.2392, 0.2000
CMYK	1.00, 0.05, 0.00, 0.20
HSL	183°, 100%, 40%
HSV	183°, 100%, 80%
XYZ	30.1909, 42.9432, 63.8244
YIQ	137.1340, -118.8340, -38.0180

# Conversions

## Conversions Part 2

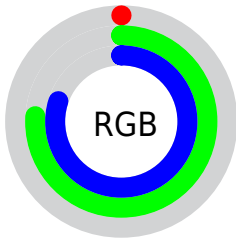
Format	Color
<a href="#">RYB</a>	<a href="#">0, 99, 204</a>
Decimal	<a href="#">49868</a>
CIELab	<a href="#">71.52, -36.07, -16.49</a>
CIELCh	<a href="#">72, 39.664, 204.567</a>
Yxy	<a href="#">42.9432, 0.2204, 0.3135</a>
Android (android.graphics.Color)	<a href="#">4278239948</a> ( <a href="#">0xFF00C2CC</a> )
YUV	<a href="#">137.1340, 32.9649, -120.2665</a>
Hunter-Lab	<a href="#">65.5311, -32.4425, -11.8741</a>

# Details

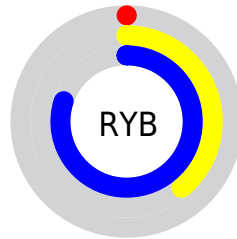
The YUV color **137.1340, 32.9649, -120.2665** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **66.8660, -32.9649, 120.2665**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8020, 23.2686, -90.1574**, and **99.2800, 25.0050, -87.0686** is the 20% darker color. If you saturate the color by 10%, you get **137.1340, 32.9649, -120.2665**, and if you desaturate by 10%, it is **143.7010, 29.7274, -108.4858**.

# Distribution



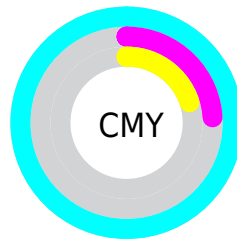
- Red (0%)
- Green (76%)
- Blue (80%)



- Red (0%)
- Yellow (39%)
- Blue (80%)



- Cyan (100%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (24%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 137.1340, 32.9649, -120.2665 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 137.1340, 32.9649, -120.2665 by changing the saturation by 10% instead.



137.1340, 32.9649,  
-120.2665

137.1340, 32.9649,  
-120.2665

255.0000, 0.0000,  
0.0000

117.6200, 29.2743,  
-103.1527

207.8020, 23.2686,  
-90.1574

99.2800, 25.0050,  
-87.0686

220.0170, 17.2466,  
-71.9289

81.0540, 21.1724,  
-71.0844

229.5850, 12.5296,  
-52.2560

63.5290, 17.4872,  
-55.7149

238.8540, 7.9600,  
-33.1980

46.1180, 14.2388,  
-40.4455

248.1230, 3.3904,  
-14.1399

30.6960, 10.9959,  
-26.9204

10.6920, 10.5048,

-9.3769

■ 0.5700, 2.1840,  
-0.4999

■ 0.0000, 0.0000,  
0.0000

■ 137.1340, 32.9649,  
-120.2665

■ 143.7010, 29.7274,  
-108.4858

■ 150.5670, 26.3425,  
-96.0903

■ 157.1340, 23.1049,  
-84.3095

■ 164.0000, 19.7200,  
-71.9140

■ 170.5670, 16.4825,  
-60.1333

■ 177.1340, 13.2449,  
-48.3525

■ 184.0000, 9.8600,  
-35.9570

■ 190.5670, 6.6225,  
-24.1763

■ 197.4330, 3.2375,  
-11.7807

# Harmonies

## Analogous

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



155.6400, 5.6005, -69.8443



137.1340, 32.9649, -120.2665



148.8560, 41.4830, -98.9747

# Triad

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



137.1340, 32.9649, -120.2665



179.8230, 18.8213, 29.9732



173.4140, -34.7141, 27.7009

# Complementary

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



137.1340, 32.9649, -120.2665



66.8660, -32.9649, 120.2665

# 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.



175.4520, -28.8168, 49.5926



137.1340, 32.9649, -120.2665



178.9110, 2.0159, 53.5751

# Square

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



137.1340, 32.9649, -120.2665



176.9200, 31.5914, -6.0688



177.4760, -15.0247, 59.2185



169.3780, -30.2594, -1.2085



# Rectangle

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



137.1340, 32.9649, -120.2665



161.8370, 40.5064, -65.6320



177.4760, -15.0247, 59.2185



174.3980, -33.7202, 35.6080

# Sweetspot

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



137.1340, 32.9649, -120.2665



229.9280, 12.3605, -44.6639



120.5460, -55.9782, -105.7188



112.4850, 7.6489, -26.7353



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.



137.1340, 32.9649, -120.2665



171.7110, 41.0615, -150.5905



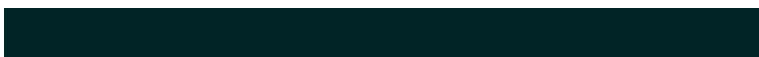
79.0210, 61.6146, -69.3014



99.0100, 1.4741, -6.1478



111.6700, 26.7847, -97.9346



25.4640, 6.1802, -22.3319



# Inverse Universe

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



83.1120, 54.6678, 106.0188



103.9470, 68.5531, 132.4735



124.9790, -61.6146, 69.3014



96.1300, 2.8939, 5.1480



67.6460, 44.5445, 86.2565

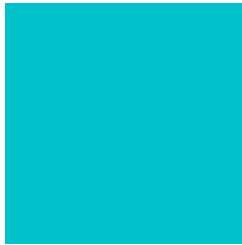


15.4660, 10.1233, 19.7623



# Previews

## White Background



This preview shows how the YUV color 137.1340, 32.9649, -120.2665 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

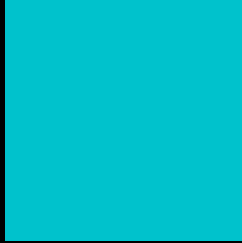
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 137.1340, 32.9649, -120.2665 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

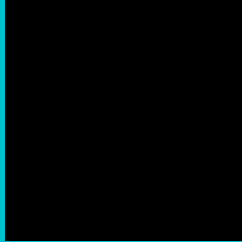
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

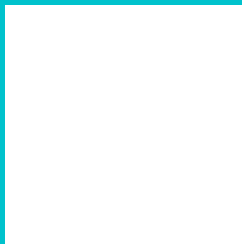
Any Text WCAG AAA ✓ Pass

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

# YUV 137.1340, 32.9649, -120.2665 Background



This preview shows how black text looks on a background with the YUV color 137.1340, 32.9649, -120.2665.



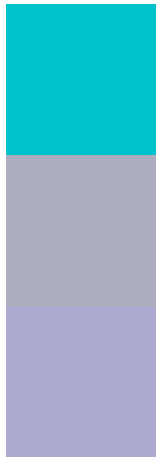
This preview shows how white text looks on a background with the YUV color 137.1340, 32.9649, -120.2665.

-120.2665.

# 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

137.1340, 32.9649, -120.2665

### Protanopia

174.6390, 7.5730, -2.3144

### Deuteranopia

175.3430, 16.5929, -2.0548



## Tritanopia

143.9940, 32.0480, -106.1117

# Trichromacy



## Original Color

137.1340, 32.9649, -120.2665

## Protanomaly

161.0680, 16.7285, -45.6636

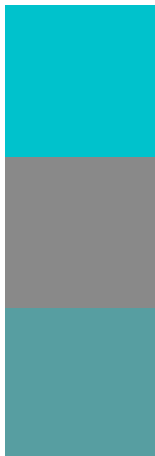
## Deuteranomaly

161.5610, 22.4014, -45.2190

## Tritanomaly

141.3740, 32.3536, -110.8300

# Monochromacy



## Original Color

137.1340, 32.9649, -120.2665

## Achromatopsia

137.0000, 0.0000, 0.0000

## Achromatomaly

137.1130, 11.7763, -43.9491

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 137.1340, 32.9649, -120.2665 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, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 194, 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, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 194, 204) }
```

## Border

The CSS property to change the border of an element to YUV 137.1340, 32.9649, -120.2665 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, 194, 204) }
```



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

```
.border{ border-color:rgb(0, 194, 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, 194, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 194,  
204) }
```

# Background

The CSS property to change the background color of an element to YUV 137.1340, 32.9649, -120.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 194, 204) }
```

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

```
.background{ background-color: rgb(0, 194,  
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](#).

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