

# Converting Colors

YUV(168.5680, 34.7230,  
-124.1551)

Have a look what the booklet for  
YUV(168.5680, 34.7230, -124.1551)  
contains.

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# Color

**YUV(168.5680, 34.7230,  
-124.1551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BE3EF
RGB	27, 227, 239
RGB Percent	11%, 89%, 94%
CMY	0.8941, 0.1098, 0.0627
CMYK	0.89, 0.05, 0.00, 0.06
HSL	183°, 87%, 52%
HSV	183°, 89%, 94%
XYZ	43.5011, 61.4032, 91.2206
YIQ	168.5680, -123.0520, -38.6680

# Conversions

## Conversions Part 2

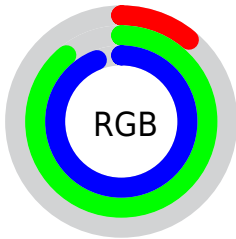
Format	Color
R <sub>Y</sub> B	27, 130, 239
Decimal	1827823
CIE Lab	82.60, -39.66, -18.55
CIE LCh	83, 43.781, 205.069
Yxy	61.4032, 0.2218, 0.3131
Android (android.graphics.Color)	4280017903 (0xFF1BE3EF)
YUV	168.5680, 34.7230, -124.1551
Hunter-Lab	78.3602, -38.0374, -14.1685

# Details

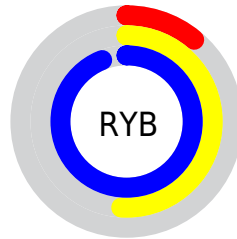
The YUV color **168.5680, 34.7230, -124.1551** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **97.4320, -34.7230, 124.1551**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.6350, 19.8999, -82.9949**, and **121.2390, 30.4482, -106.3266** is the 20% darker color. If you saturate the color by 10%, you get **160.8050, 38.5501, -138.3950**, and if you desaturate by 10%, it is **176.3310, 30.8958, -109.9153**.

# Distribution



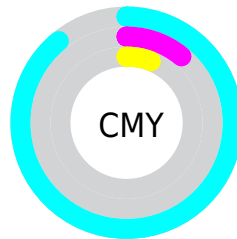
- Red (11%)
- Green (89%)
- Blue (94%)



- Red (11%)
- Yellow (51%)
- Blue (94%)



- Cyan (89%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (89%)
- Magenta (11%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 168.5680, 34.7230, -124.1551 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 168.5680, 34.7230, -124.1551 by changing the saturation by 10% instead.



168.5680, 34.7230,  
-124.1551

168.5680, 34.7230,  
-124.1551

255.0000, 0.0000,  
0.0000

140.8670, 34.5756,  
-123.5404

214.6350, 19.8999,  
-82.9949

121.2390, 30.4482,  
-106.3266

224.8010, 14.8881,  
-62.0925

102.3120, 26.4682,  
-89.7276

234.6680, 10.0237,  
-41.8048

84.0860, 22.6356,  
-73.7434

244.2360, 5.3067,  
-22.1320

65.9740, 19.2398,  
-57.8592

253.8040, 0.5896,  
-2.4591

49.1500, 15.7020,  
-43.1045

33.0270, 12.3117,

-28.9647

■ 14.6700, 10.5157,  
-12.8656

■ 2.1830, 5.8258,  
-1.9145

■ 168.5680, 34.7230,  
-124.1551

■ 168.5680, 34.7230,  
-124.1551

■ 160.8050, 38.5501,  
-138.3950

■ 176.3310, 30.8958,  
-109.9153

■ 159.3210, 39.2817,  
-139.7245

■ 184.6810, 26.7793,  
-96.1902

■ 192.4440, 22.9521,  
-81.9504

■ 200.2070, 19.1249,  
-67.7105

■ 208.2580, 15.1558,  
-54.6003

■ 216.0210, 11.3286,  
-40.3604

■ 223.7840, 7.5015,  
-26.1206

■ 232.1340, 3.3849,  
-12.3955

■ 239.8970, -0.4422,  
1.8443

# Harmonies

## Analogous

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



183.8130, 6.5012, -78.7660



168.5680, 34.7230, -124.1551



176.1280, 38.8839, -105.3523

# Triad

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



168.5680, 34.7230, -124.1551



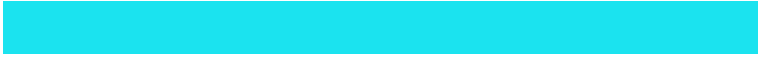
211.3120, 20.5522, 34.8064



203.4700, -39.6717, 31.1598

# Complementary

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



168.5680, 34.7230, -124.1551



97.4320, -34.7230, 124.1551

# 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.



201.3870, -30.2638, 47.0186



168.5680, 34.7230, -124.1551



202.7790, 5.5320, 45.7978

# Square

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



168.5680, 34.7230, -124.1551



204.5090, 24.8921, -3.9544



199.2790, -12.9555, 48.8673



199.3410, -34.1851, -2.0531

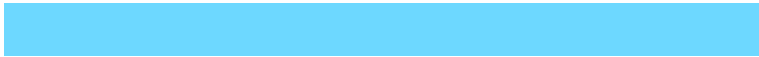


# Rectangle

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



168.5680, 34.7230, -124.1551



188.4530, 32.8077, -69.6803



199.2790, -12.9555, 48.8673



204.4650, -38.6832, 40.8112

# Sweetspot

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



168.5680, 34.7230, -124.1551



232.0210, 11.3286, -40.3604



152.6980, -56.5461, -110.2371



113.9800, 6.9119, -23.6615



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.



168.5680, 34.7230, -124.1551



170.5370, 41.6403, -149.5609



106.9330, 65.1090, -70.1012



115.8250, 2.0583, -6.8625



122.5270, 30.3062, -107.4562



37.4950, 9.1230, -32.8831



# Inverse Universe

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



113.1880, 56.1093, 110.3371



103.7190, 67.6795, 132.6734



159.0670, -65.1090, 70.1012



112.8420, 3.0359, 6.2776



74.7380, 48.4432, 95.8228

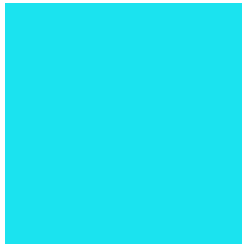


22.7860, 14.8955, 29.1287



# Previews

## White Background



This preview shows how the YUV color 168.5680, 34.7230, -124.1551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

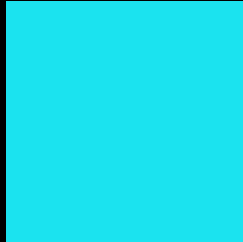
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 168.5680, 34.7230, -124.1551 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

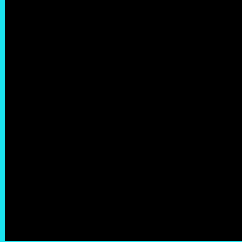
Any Text WCAG AA ✓ Pass

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 168.5680, 34.7230, -124.1551 Background



This preview shows how black text looks on a background with the YUV color 168.5680, 34.7230, -124.1551.



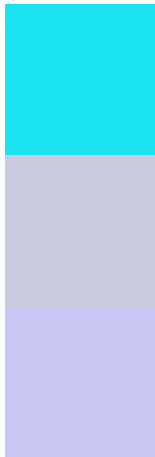
This preview shows how white text looks on a background with the YUV color 168.5680, 34.7230, -124.1551.

-124.1551.

# 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

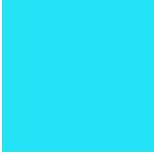
168.5680, 34.7230, -124.1551

### Protanopia

204.3940, 9.1728, -2.0995

### Deuteranopia

205.4400, 19.5031, -2.1399



## Tritanopia

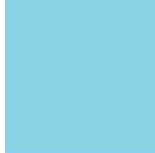
171.3560, 36.3065, -118.7072

# Trichromacy



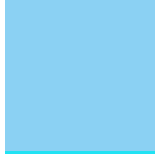
## Original Color

168.5680, 34.7230, -124.1551



## Protanomaly

191.2250, 18.6231, -46.6783



## Deuteranomaly

191.9460, 25.1696, -46.4336



## Tritanomaly

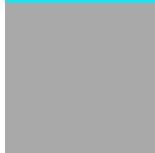
170.2310, 35.8751, -120.3516

# Monochromacy



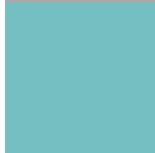
## Original Color

168.5680, 34.7230, -124.1551



## Achromatopsia

169.0000, 0.0000, 0.0000



## Achromatomaly

168.6290, 12.5079, -45.2786

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 168.5680, 34.7230, -124.1551 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(27, 227, 239)` looks like.

```
.text, #text, p{  
    color:rgb(27, 227, 239)  
}
```

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(27, 227, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 227, 239) }
```

## Border

The CSS property to change the border of an element to YUV 168.5680, 34.7230, -124.1551 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(27, 227, 239) }
```



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

```
.border{ border-color:rgb(27, 227, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 227, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 227, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 227, 239);  
box-shadow:4px 4px 4px 4px rgb(27, 227,  
239) }
```

# Background

The CSS property to change the background color of an element to YUV 168.5680, 34.7230, -124.1551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 227, 239) }
```

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

```
.background{ background-color: rgb(27, 227,  
239) }
```

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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