

# Converting Colors

YUV(150.4120, 34.7999,  
-102.0933)

Have a look what the booklet for  
YUV(150.4120, 34.7999, -102.0933)  
contains.

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# Color

**YUV(150.4120, 34.7999,  
-102.0933)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22C4DD
RGB	34, 196, 221
RGB Percent	13%, 77%, 87%
CMY	0.8667, 0.2314, 0.1333
CMYK	0.85, 0.11, 0.00, 0.13
HSL	188°, 73%, 50%
HSV	188°, 85%, 87%
XYZ	33.4508, 45.0404, 75.3372
YIQ	150.4120, -104.5770, -26.5690

# Conversions

## Conversions Part 2

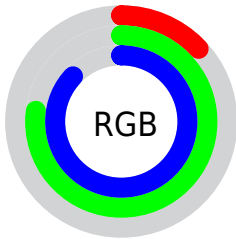
Format	Color
<a href="#">RYB</a>	<a href="#">34, 121, 221</a>
Decimal	<a href="#">2278621</a>
CIELab	<a href="#">72.92, -30.25, -23.59</a>
CIElCh	<a href="#">73, 38.362, 217.940</a>
Yxy	<a href="#">45.0404, 0.2175, 0.2928</a>
Android (android.graphics.Color)	<a href="#">4280468701 (0xFF22C4DD)</a>
YUV	<a href="#">150.4120, 34.7999, -102.0933</a>
Hunter-Lab	<a href="#">67.1121, -28.4763, -19.5779</a>

# Details

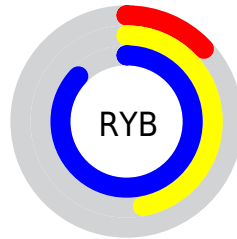
The YUV color **150.4120, 34.7999, -102.0933** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **104.5880, -34.7999, 102.0933**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2650, 21.0684, -84.4244**, and **102.2780, 31.4149, -89.6978** is the 20% darker color. If you saturate the color by 10%, you get **142.0730, 38.9110, -114.0740**, and if you desaturate by 10%, it is **158.7510, 30.6888, -90.1126**.

# Distribution



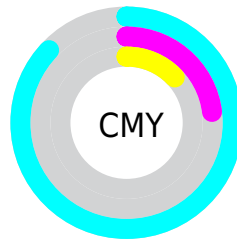
- Red (13%)
- Green (77%)
- Blue (87%)



- Red (13%)
- Yellow (47%)
- Blue (87%)



- Cyan (85%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (87%)
- Magenta (23%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.4120, 34.7999, -102.0933 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 150.4120, 34.7999, -102.0933 by changing the saturation by 10% instead.



150.4120, 34.7999,  
-102.0933

150.4120, 34.7999,  
-102.0933

255.0000, 0.0000,  
0.0000

121.2050, 35.3949,  
-106.2968

212.2650, 21.0684,  
-84.4244

102.2780, 31.4149,  
-89.6978

223.0070, 15.7725,  
-65.7811

83.9380, 27.1456,  
-73.6136

232.5750, 11.0555,  
-46.1083

66.4130, 23.4604,  
-58.2442

241.8440, 6.4859,  
-27.0502

49.4750, 19.4858,  
-43.3896

251.1130, 1.9163,  
-7.9921

33.3520, 16.0955,  
-29.2497

16.7560, 13.4313,

-14.6950

■ 3.2090, 9.7570,  
-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 150.4120, 34.7999,  
-102.0933

■ 150.4120, 34.7999,  
-102.0933

■ 142.0730, 38.9110,  
-114.0740

■ 158.7510, 30.6888,  
-90.1126

■ 137.3110, 41.2587,  
-120.4217

■ 167.0900, 26.5776,  
-78.1319

■ 175.4290, 22.4665,  
-66.1512

■ 183.7680, 18.3554,  
-54.1705

■ 192.4060, 14.0968,  
-41.5751

■ 200.7450, 9.9857,  
-29.5944

■ 209.0840, 5.8746,  
-17.6137

■ 217.4230, 1.7635,  
-5.6330

■ 225.7620, -2.3477,  
6.3477

# Harmonies

## Analogous

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



156.6800, 14.9478, -81.2804



150.4120, 34.7999, -102.0933



164.0490, 38.9228, -71.0800

# Triad

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



150.4120, 34.7999, -102.0933



184.1250, 10.7844, 41.1094



175.7930, -32.9289, 15.0905

# Complementary

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



150.4120, 34.7999, -102.0933



104.5880, -34.7999, 102.0933

# 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.



178.5880, -31.8419, 39.8263



150.4120, 34.7999, -102.0933



182.5710, -5.7045, 56.5042

# Square

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



150.4120, 34.7999, -102.0933



182.4230, 25.4275, 11.0300



180.7330, -21.5604, 55.4852



171.7830, -24.5430, -14.7187

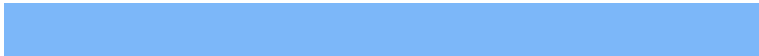


# Rectangle

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



150.4120, 34.7999, -102.0933



172.8830, 37.5257, -42.8704



180.7330, -21.5604, 55.4852



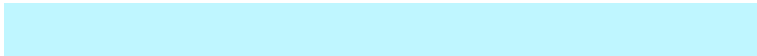
176.6200, -33.8297, 24.0123

# Sweetspot

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



150.4120, 34.7999, -102.0933



230.5810, 12.0386, -34.7125



146.6190, -43.1962, -98.7669



112.8170, 7.4852, -20.8875



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

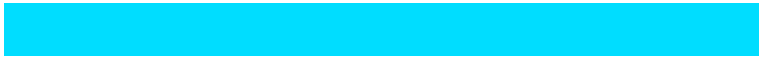


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



150.4120, 34.7999, -102.0933



158.7970, 47.4281, -139.2650



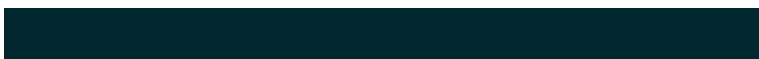
95.8210, 61.7132, -54.2170



105.5370, 2.2003, -5.7329



107.7720, 32.1574, -94.5160



28.7240, 8.5171, -25.1909



# Inverse Universe

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



108.3810, 43.1962, 98.7669



101.4390, 58.9436, 134.6730



159.1790, -61.7132, 54.2170



103.3150, 2.3097, 5.8627



68.8270, 40.0183, 91.3597

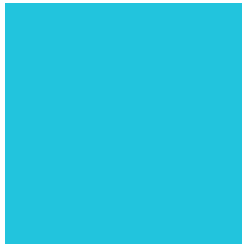


18.3140, 10.6912, 24.2806



# Previews

## White Background



This preview shows how the YUV color 150.4120, 34.7999, -102.0933 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

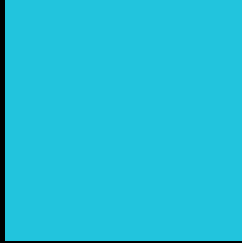
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 150.4120, 34.7999, -102.0933 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

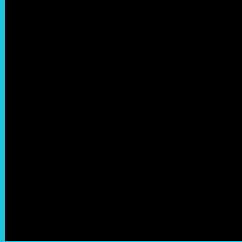
Any Text WCAG AA ✓ Pass

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 150.4120, 34.7999, -102.0933 Background**



This preview shows how black text looks on a background with the YUV color 150.4120, 34.7999, -102.0933.



This preview shows how white text looks on a background with the YUV color 150.4120, 34.7999, -102.0933.



# 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

150.4120, 34.7999, -102.0933

### Protanopia

178.3380, 14.1304, -5.5584

### Deuteranopia

178.4330, 23.4505, -8.2727



## Tritanopia

146.2000, 32.9324, -109.8004

# Trichromacy



## Original Color

150.4120, 34.7999, -102.0933



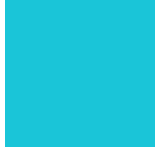
## Protanomaly

168.0670, 21.6590, -40.4008



## Deuteranomaly

168.2500, 27.4847, -42.3152



## Tritanomaly

148.0370, 33.5058, -107.0264

# Monochromacy



## Original Color

150.4120, 34.7999, -102.0933



## Achromatopsia

150.0000, 0.0000, 0.0000



## Achromatomaly

150.3850, 12.6282, -37.1716

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.4120, 34.7999, -102.0933 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(34, 196, 221)` looks like.

```
.text, #text, p{  
    color:rgb(34, 196, 221)  
}
```

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(34, 196, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 196, 221) }
```

## Border

The CSS property to change the border of an element to YUV 150.4120, 34.7999, -102.0933 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(34, 196, 221) }
```



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

```
.border{ border-color:rgb(34, 196, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 196, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 196, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 196, 221);  
box-shadow:4px 4px 4px 4px rgb(34, 196,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 150.4120, 34.7999, -102.0933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 196, 221) }
```

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

```
.background{ background-color: rgb(34, 196,  
221) }
```

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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