

# Converting Colors

YUV(168.7010, 6.0634,  
-125.1488)

Have a look what the booklet for  
YUV(168.7010, 6.0634, -125.1488)  
contains.

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# Color

**YUV(168.7010, 6.0634,  
-125.1488)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1AEFB5
RGB	26, 239, 181
RGB Percent	10%, 94%, 71%
CMY	0.8980, 0.0627, 0.2902
CMYK	0.89, 0.00, 0.24, 0.06
HSL	164°, 87%, 52%
HSV	164°, 89%, 94%
XYZ	39.6330, 65.2888, 54.2292
YIQ	168.7010, -108.3300, -63.1940

# Conversions

## Conversions Part 2

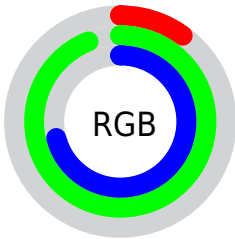
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 149, 239
Decimal	1765301
CIE <sub>Lab</sub>	84.63, -60.22, 14.97
CIE <sub>LCh</sub>	85, 62.048, 166.038
Yxy	65.2888, 0.2490, 0.4102
Android (android.graphics.Color)	4279955381 (0xFF1AEFB5)
YUV	168.7010, 6.0634, -125.1488
Hunter-Lab	80.8015, -53.8487, 16.7691

# Details

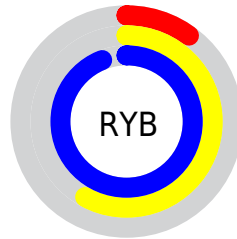
The YUV color **168.7010, 6.0634, -125.1488** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **96.2990, -6.0634, 125.1488**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.6860, 12.4798, -83.0396**, and **121.4260, 3.2410, -106.4906** is the 20% darker color. If you saturate the color by 10%, you get **160.7270, 6.5436, -139.2036**, and if you desaturate by 10%, it is **176.6750, 5.5832, -111.0940**.

# Distribution



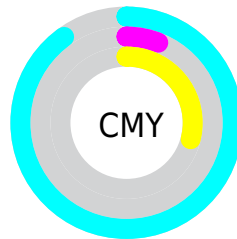
- Red (10%)
- Green (94%)
- Blue (71%)



- Red (10%)
- Yellow (58%)
- Blue (94%)



- Cyan (89%)
- Magenta (0%)
- Yellow (24%)
- Black (6%)



- Cyan (90%)
- Magenta (6%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 168.7010, 6.0634, -125.1488 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 168.7010, 6.0634, -125.1488 by changing the saturation by 10% instead.



168.7010, 6.0634,  
-125.1488

168.7010, 6.0634,  
-125.1488

255.0000, 0.0000,  
0.0000

140.8260, 6.4948,  
-123.5044

211.6860, 12.4798,  
-83.0396

121.4260, 3.2410,  
-106.4906

223.6050, 15.4777,  
-64.5516

102.1400, 0.4240,  
-89.5768

233.4720, 10.6133,  
-44.2639

83.5550, -2.2456,  
-73.2777

242.7410, 6.0437,  
-25.2059

65.6710, -4.7678,  
-57.5935

252.3090, 1.3267,  
-5.5330

47.9010, -6.8532,  
-42.0092

32.0060, -9.3700,

-28.0693

■ 14.6750, -7.2348,  
-12.8700

■ 0.0000, 0.0000,  
0.0000

■ 168.7010, 6.0634,  
-125.1488

■ 168.7010, 6.0634,  
-125.1488

■ 160.7270, 6.5436,  
-139.2036

■ 176.6750, 5.5832,  
-111.0940

■ 160.1290, 6.8384,  
-140.4331

■ 184.5350, 4.6662,  
-96.9392

■ 192.5090, 4.1861,  
-82.8844

■ 200.3690, 3.2691,  
-68.7296

■ 208.0440, 2.9363,  
-55.2896

■ 215.9040, 2.0193,  
-41.1348

■ 223.8780, 1.5391,  
-27.0800

■ 231.7380, 0.6222,  
-12.9252

■ 239.7120, 0.1420,  
1.1296

# Harmonies

## Analogous

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



194.9140, -33.4816, -41.1436



168.7010, 6.0634, -125.1488



169.0550, 35.9619, -148.2612

# Triad

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



168.7010, 6.0634, -125.1488



201.1100, 26.5678, -28.1605



194.8500, -32.4641, 52.7516

# Complementary

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



168.7010, 6.0634, -125.1488



96.2990, -6.0634, 125.1488

# 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.



192.0870, -4.9729, 55.1747



168.7010, 6.0634, -125.1488



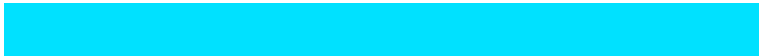
212.7360, 20.8362, 37.0655

# Square

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



168.7010, 6.0634, -125.1488



161.1450, 46.2705, -141.3242



200.5740, 19.9300, 47.7316



203.3010, -53.3924, 45.3400



# Rectangle

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



168.7010, 6.0634, -125.1488



169.3630, 42.2190, -148.5314



200.5740, 19.9300, 47.7316



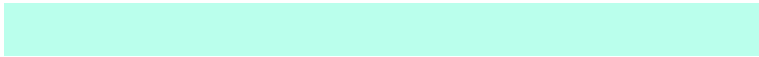
192.5650, -23.4495, 54.7555

# Sweetspot

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



168.7010, 6.0634, -125.1488



232.2030, 1.8719, -40.5200



168.9710, -70.4847, -72.7656



114.3730, 0.8021, -24.0061



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.



168.7010, 6.0634, -125.1488



170.8890, 7.4497, -149.8697



148.3110, 44.7097, -107.2667



116.0700, 0.4585, -7.0774



123.2840, 5.2830, -108.1201



37.5460, 1.7028, -32.9278



# Inverse Universe

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



96.2990, -6.0634, 125.1488



84.1110, -7.4497, 149.8697



116.6890, -44.7097, 107.2667



111.9300, -0.4585, 7.0774



60.7160, -5.2830, 108.1201



18.4540, -1.7028, 32.9278



# Previews

## White Background



This preview shows how the YUV color 168.7010, 6.0634, -125.1488 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

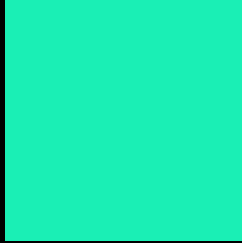
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 168.7010, 6.0634, -125.1488 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

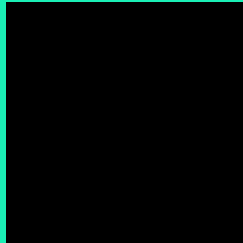
Any Text WCAG AA ✓ Pass

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 168.7010, 6.0634, -125.1488 Background



This preview shows how black text looks on a background with the YUV color 168.7010, 6.0634, -125.1488.



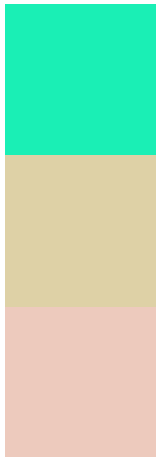
This preview shows how white text looks on a background with the YUV color 168.7010, 6.0634, -125.1488.

-125.1488.

# 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

168.7010, 6.0634, -125.1488

### Protanopia

207.9850, -20.6986, 12.2912

### Deuteranopia

210.9830, -10.8376, 22.8169



**Tritanopia**

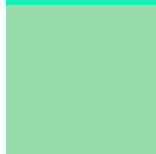
187.0170, 30.5576, -94.7309

# Trichromacy



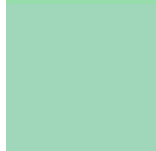
## Original Color

168.7010, 6.0634, -125.1488



## Protanomaly

193.7830, -11.2320, -37.5207



## Deuteranomaly

195.2490, -4.5598, -30.9134



## Tritanomaly

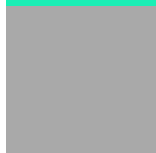
180.2470, 21.5702, -105.4566

# Monochromacy



## Original Color

168.7010, 6.0634, -125.1488



## Achromatopsia

169.0000, 0.0000, 0.0000



## Achromatomaly

168.5830, 2.1776, -45.2383

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 168.7010, 6.0634, -125.1488 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(26, 239, 181)` looks like.

```
.text, #text, p{  
    color:rgb(26, 239, 181)  
}
```

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(26, 239, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 239, 181) }
```

## Border

The CSS property to change the border of an element to YUV 168.7010, 6.0634, -125.1488 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(26, 239, 181) }
```



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

```
.border{ border-color:rgb(26, 239, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 239, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 239, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 239, 181);  
box-shadow:4px 4px 4px 4px rgb(26, 239,  
181) }
```

# Background

The CSS property to change the background color of an element to YUV 168.7010, 6.0634, -125.1488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 239, 181) }
```

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

```
.background{ background-color: rgb(26, 239,  
181) }
```

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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