

# Converting Colors

YUV(161.6940, 13.4619,  
-118.1266)

Have a look what the booklet for  
YUV(161.6940, 13.4619, -118.1266)  
contains.

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# Color

**YUV(161.6940, 13.4619,  
-118.1266)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BE1BD
RGB	27, 225, 189
RGB Percent	11%, 88%, 74%
CMY	0.8941, 0.1176, 0.2588
CMYK	0.88, 0.00, 0.16, 0.12
HSL	169°, 79%, 49%
HSV	169°, 88%, 88%
XYZ	36.5625, 57.7576, 57.3654
YIQ	161.6940, -106.4520, -53.1720

# Conversions

## Conversions Part 2

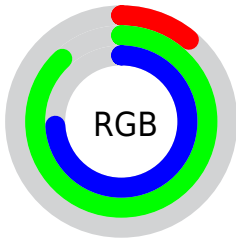
<b>Format</b>	<b>Color</b>
<code>RYB</code>	<code>27, 136, 225</code>
Decimal	<code>1827261</code>
CIELab	<code>80.60, -52.76, 5.03</code>
CIELCh	<code>81, 52.997, 174.558</code>
Yxy	<code>57.7576, 0.2410, 0.3808</code>
Android ( <code>android.graphics.Color</code> )	<code>4280017341 (0xFF1BE1BD)</code>
YUV	<code>161.6940, 13.4619, -118.1266</code>
Hunter-Lab	<code>75.9984, -47.1216, 8.4454</code>

# Details

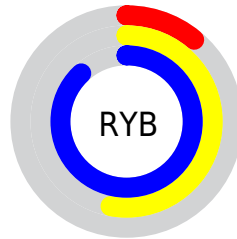
The YUV color **161.6940, 13.4619, -118.1266** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **90.3060, -13.4619, 118.1266**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0000, 16.2690, -85.0690**, and **114.7070, 10.4974, -100.5980** is the 20% darker color. If you saturate the color by 10%, you get **154.6600, 14.9576, -131.2518**, and if you desaturate by 10%, it is **168.7280, 11.9661, -105.0015**.

# Distribution



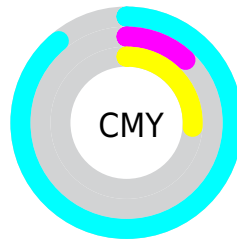
- Red (11%)
- Green (88%)
- Blue (74%)



- Red (11%)
- Yellow (53%)
- Blue (88%)



- Cyan (88%)
- Magenta (0%)
- Yellow (16%)
- Black (12%)



- Cyan (89%)
- Magenta (12%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 161.6940, 13.4619, -118.1266 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 161.6940, 13.4619, -118.1266 by changing the saturation by 10% instead.



161.6940, 13.4619,  
-118.1266

161.6940, 13.4619,  
-118.1266

255.0000, 0.0000,  
0.0000

133.5200, 14.0406,  
-117.0970

212.0000, 16.2690,  
-85.0690

114.7070, 10.4974,  
-100.5980

223.0070, 15.7725,  
-65.7811

95.3070, 7.2436,  
-83.5842

232.5750, 11.0555,  
-46.1083

77.3090, 4.2847,  
-67.8000

241.8440, 6.4859,  
-27.0502

59.4250, 1.7625,  
-52.1157

251.1130, 1.9163,  
-7.9921

42.2420, -0.6123,  
-37.0462

27.0480, -2.9817,

-23.7211

■ 2.3480, -1.1576,  
-2.0592

■ 0.0000, 0.0000,  
0.0000

■ 161.6940, 13.4619,  
-118.1266

■ 161.6940, 13.4619,  
-118.1266

■ 154.6600, 14.9576,  
-131.2518

■ 168.7280, 11.9661,  
-105.0015

■ 153.0510, 15.2579,  
-134.2257

■ 176.0610, 10.3229,  
-91.2615

■ 183.3940, 8.6798,  
-77.5215

■ 190.4280, 7.1840,  
-64.3964

■ 197.4620, 5.6882,  
-51.2712

■ 204.9090, 4.4819,  
-37.6312

■ 212.2420, 2.8387,  
-23.8912

■ 219.2760, 1.3429,  
-10.7661

■ 226.6090, -0.3002,  
2.9739

# Harmonies

## Analogous

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



184.0840, -21.2404, -47.4317



161.6940, 13.4619, -118.1266



159.4350, 39.7185, -139.8245

# Triad

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



161.6940, 13.4619, -118.1266



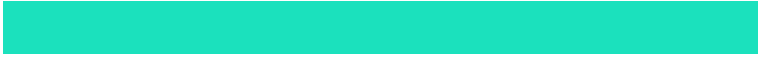
197.9970, 28.1025, -7.0134



193.3510, -35.6690, 54.0662

# Complementary

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



161.6940, 13.4619, -118.1266



90.3060, -13.4619, 118.1266

# 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.



189.8070, -13.7089, 57.1743



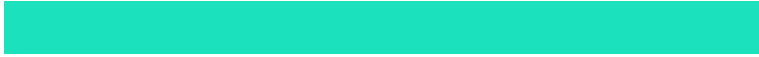
161.6940, 13.4619, -118.1266



205.6810, 24.3143, 41.4988

# Square

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



161.6940, 13.4619, -118.1266



179.2720, 37.3339, -74.7835



194.2190, 8.2730, 53.3049



196.3260, -47.9817, 36.5481

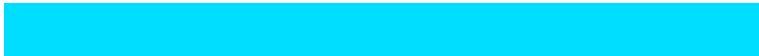


# Rectangle

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



161.6940, 13.4619, -118.1266



159.3840, 47.1387, -139.7798



194.2190, 8.2730, 53.3049



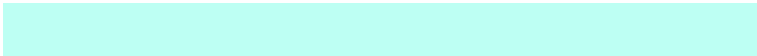
191.7840, -28.9805, 55.4404

# Sweetspot

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



161.6940, 13.4619, -118.1266



233.8980, 4.4873, -39.3755



153.9900, -62.6061, -79.7982



115.1280, 2.4019, -23.7913



0.0000, 0.0000, 0.0000

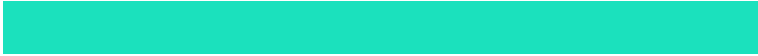


128.0000, 0.0000, 0.0000



# Same Dimension

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



161.6940, 13.4619, -118.1266



173.5110, 17.4961, -152.1691



128.8170, 47.4182, -89.2935



108.4830, 0.7479, -6.5626



119.7280, 11.9661, -105.0015



32.7360, 3.5812, -28.7095



# Inverse Universe

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



90.3060, -13.4619, 118.1266



81.4890, -17.4961, 152.1691



123.1830, -47.4182, 89.2935



104.5170, -0.7479, 6.5626



56.2720, -11.9661, 105.0015

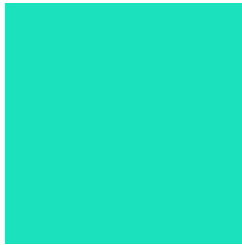


15.3780, -3.1444, 28.6095



# Previews

## White Background



This preview shows how the YUV color 161.6940, 13.4619, -118.1266 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

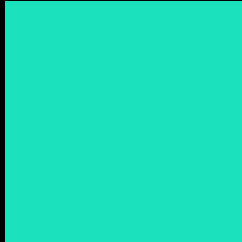
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 161.6940, 13.4619, -118.1266 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

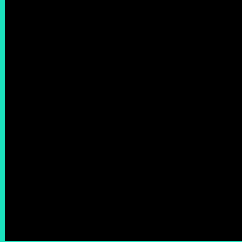
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

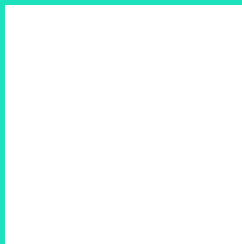
Any Text WCAG AAA ✓ Pass

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

# YUV 161.6940, 13.4619, -118.1266 Background



This preview shows how black text looks on a background with the YUV color 161.6940, 13.4619, -118.1266.



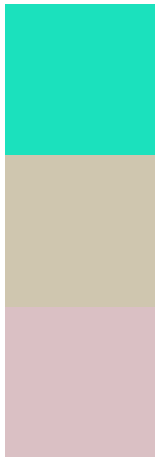
This preview shows how white text looks on a background with the YUV color 161.6940, 13.4619, -118.1266.



# 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

161.6940, 13.4619, -118.1266

### Protanopia

198.0690, -11.3730, 7.8325

### Deuteranopia

200.2300, -2.0854, 15.5843



## Tritanopia

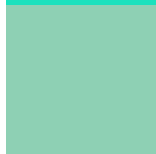
175.2020, 29.9734, -94.0162

# Trichromacy



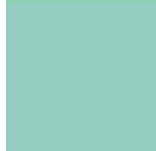
## Original Color

161.6940, 13.4619, -118.1266



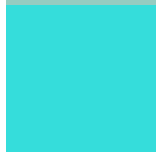
## Protanomaly

185.0740, -2.5015, -37.7759



## Deuteranomaly

186.3010, 3.3026, -32.7130



## Tritanomaly

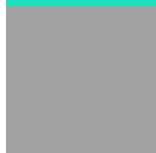
170.5400, 23.8908, -103.0826

# Monochromacy



## Original Color

161.6940, 13.4619, -118.1266



## Achromatopsia

162.0000, 0.0000, 0.0000



## Achromatomaly

161.9900, 4.9349, -42.9642

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 161.6940, 13.4619, -118.1266 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, 225, 189)` looks like.

```
.text, #text, p{  
    color:rgb(27, 225, 189)  
}
```

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, 225, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 225, 189) }
```

## Border

The CSS property to change the border of an element to YUV 161.6940, 13.4619, -118.1266 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, 225, 189) }
```



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

```
.border{ border-color:rgb(27, 225, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 225, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 225, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 225, 189);  
box-shadow:4px 4px 4px 4px rgb(27, 225,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 161.6940, 13.4619, -118.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 225, 189) }
```

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

```
.background{ background-color: rgb(27, 225,  
189) }
```

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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