

Converting Colors

YUV(160.0170, 6.8936,
-111.3939)

Have a look what the booklet for
YUV(160.0170, 6.8936, -111.3939)
contains.

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Color

**YUV(160.0170, 6.8936,
-111.3939)**

Conversions

Conversions Part 1

Format	Color
Hex	21DEAE
RGB	33, 222, 174
RGB Percent	13%, 87%, 68%
CMY	0.8706, 0.1294, 0.3176
CMYK	0.85, 0.00, 0.22, 0.13
HSL	165°, 74%, 50%
HSV	165°, 85%, 87%
XYZ	34.3885, 55.6219, 48.9680
YIQ	160.0170, -97.2360, -54.9960

Conversions

Conversions Part 2

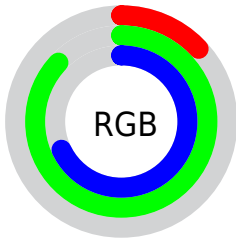
Format	Color
RYB	33, 141, 222
Decimal	2219694
CIELab	79.40, -54.92, 11.25
CIELCh	79, 56.056, 168.424
Yxy	55.6219, 0.2474, 0.4002
Android (android.graphics.Color)	4280409774 (0xFF21DEAE)
YUV	160.0170, 6.8936, -111.3939
Hunter-Lab	74.5801, -48.2098, 13.2772

Details

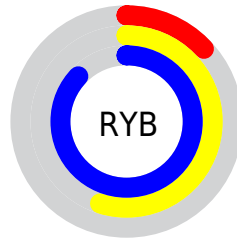
The YUV color **160.0170, 6.8936, -111.3939** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **94.9830, -6.8936, 111.3939**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1760, 9.2802, -83.4694**, and **111.3500, 5.2505, -97.6539** is the 20% darker color. If you saturate the color by 10%, you get **152.7550, 7.5158, -124.3191**, and if you desaturate by 10%, it is **167.2790, 6.2715, -98.4687**.

Distribution



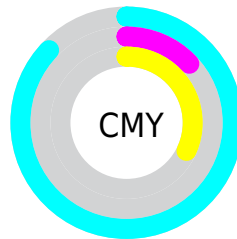
- Red (13%)
- Green (87%)
- Blue (68%)



- Red (13%)
- Yellow (55%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (22%)
- Black (13%)



- Cyan (87%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.0170, 6.8936, -111.3939 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 160.0170, 6.8936, -111.3939 by changing the saturation by 10% instead.

■ 160.0170, 6.8936,
-111.3939

■ 160.0170, 6.8936,
-111.3939

■ 255.0000, 0.0000,
0.0000

■ 130.0490, 8.3568,
-114.0530

■ 210.1760, 9.2802,
-83.4694

■ 111.3500, 5.2505,
-97.6539

■ 223.0070, 15.7725,
-65.7811

■ 92.0640, 2.4334,
-80.7401

■ 232.2760, 11.2029,
-46.7231

■ 74.0660, -0.5255,
-64.9559

■ 241.8440, 6.4859,
-27.0502

■ 56.1820, -3.0477,
-49.2716

■ 251.1130, 1.9163,
-7.9921

■ 39.1130, -4.9857,
-34.3021

■ 23.4630, -9.1023,

-20.5771

■ 0.0000, 0.0000,
0.0000

■ 160.0170, 6.8936,
-111.3939

■ 160.0170, 6.8936,
-111.3939

■ 152.7550, 7.5158,
-124.3191

■ 167.2790, 6.2715,
-98.4687

■ 149.2380, 8.2637,
-130.8817

■ 174.4270, 5.2125,
-85.4435

■ 181.9880, 4.4429,
-71.9035

■ 189.2500, 3.8207,
-58.9783

■ 196.3980, 2.7618,
-45.9530

■ 203.6600, 2.1396,
-33.0278

■ 210.8080, 1.0807,
-20.0026

■ 218.3690, 0.3111,
-6.4626

■ 225.6310, -0.3111,
6.4626

Harmonies

Analogous

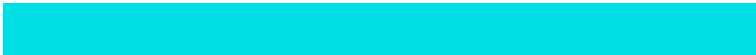
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181.7060, -27.9561, -40.0842



160.0170, 6.8936, -111.3939



156.8930, 35.0558, -137.5952

Triad

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



160.0170, 6.8936, -111.3939



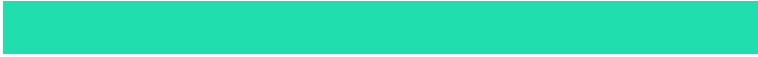
191.4190, 31.3454, -20.5385



188.5410, -33.7907, 58.2845

Complementary

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



160.0170, 6.8936, -111.3939



94.9830, -6.8936, 111.3939

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.



185.5670, -9.6465, 60.8927



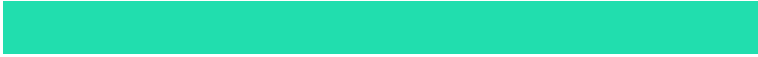
160.0170, 6.8936, -111.3939



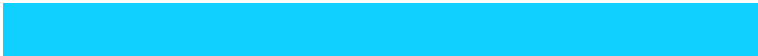
200.9190, 26.6619, 35.1510

Square

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



160.0170, 6.8936, -111.3939



155.6510, 48.9791, -123.3509



192.1960, 13.2144, 55.0791



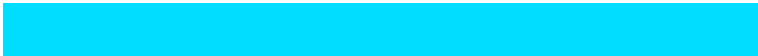
193.5120, -50.0454, 45.1550

Rectangle

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



160.0170, 6.8936, -111.3939



158.7970, 47.4281, -139.2650



192.1960, 13.2144, 55.0791



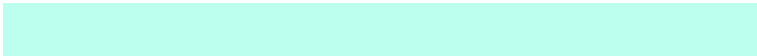
186.6150, -25.9392, 59.9736

Sweetspot

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



160.0170, 6.8936, -111.3939



233.3280, 2.3033, -38.8757



158.8930, -62.0652, -66.5582



114.7860, 1.0915, -23.4913



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.



160.0170, 6.8936, -111.3939



171.3450, 9.1969, -150.2696



139.6610, 40.5931, -93.5417



108.3690, 0.3111, -6.4626



118.2460, 6.2877, -103.7017



32.2800, 1.8340, -28.3096

Inverse Universe

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



94.9830, -6.8936, 111.3939



83.6550, -9.1969, 150.2696



115.3390, -40.5931, 93.5417



104.6310, -0.3111, 6.4626



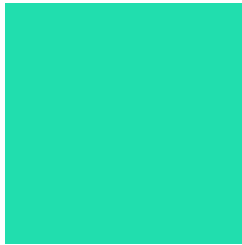
57.7540, -6.2877, 103.7017



15.7200, -1.8340, 28.3096

Previews

White Background



This preview shows how the YUV color 160.0170, 6.8936, -111.3939 looks on a white background.

Color Contrast Check

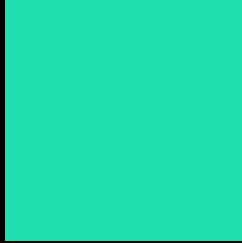
Large Text (above 18pt) WCAG AA × Fail

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 160.0170, 6.8936, -111.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

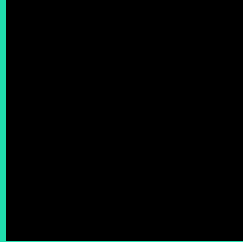
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

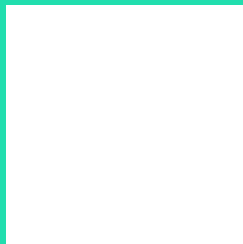
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 160.0170, 6.8936, -111.3939

Background



This preview shows how black text looks on a background with the YUV color 160.0170, 6.8936, -111.3939.

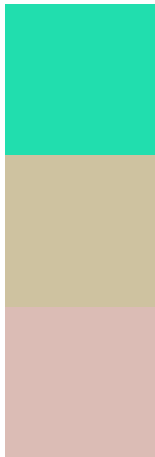


This preview shows how white text looks on a background with the YUV color 160.0170, 6.8936, -111.3939.

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

160.0170, 6.8936, -111.3939

Protanopia

193.7120, -16.6200, 10.7766

Deuteranopia

196.4710, -7.6272, 19.7579



Tritanopia

174.1920, 28.4993, -87.8684

Trichromacy



Original Color

160.0170, 6.8936, -111.3939



Protanomaly

181.3150, -8.0433, -33.6023



Deuteranomaly

182.8410, -2.3866, -27.9246



Tritanomaly

169.0740, 20.6695, -96.5349

Monochromacy



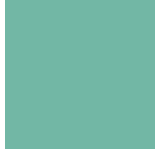
Original Color

160.0170, 6.8936, -111.3939



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

160.3170, 2.3087, -40.6200

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0170, 6.8936, -111.3939 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(33, 222, 174)` looks like.

```
.text, #text, p{  
    color:rgb(33, 222, 174)  
}
```

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(33, 222, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 222, 174) }
```

Border

The CSS property to change the border of an element to YUV 160.0170, 6.8936, -111.3939 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(33, 222, 174) }
```


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

```
.border{ border-color:rgb(33, 222, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 222, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 222, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 222, 174);  
box-shadow:4px 4px 4px 4px rgb(33, 222,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 160.0170, 6.8936, -111.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 222, 174) }
```

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

```
.background{ background-color: rgb(33, 222,  
174) }
```

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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