

Converting Colors

YUV(137.1000, 21.1497,
-110.5897)

Have a look what the booklet for
YUV(137.1000, 21.1497, -110.5897)
contains.

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Color

**YUV(137.1000, 21.1497,
-110.5897)**

Conversions

Conversions Part 1

Format	Color
Hex	0BC1B4
RGB	11, 193, 180
RGB Percent	4%, 76%, 71%
CMY	0.9569, 0.2431, 0.2941
CMYK	0.94, 0.00, 0.07, 0.24
HSL	176°, 89%, 40%
HSV	176°, 94%, 76%
XYZ	27.4462, 41.5064, 49.7450
YIQ	137.1000, -104.2990, -42.6270

Conversions

Conversions Part 2

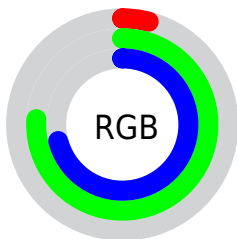
Format	Color
R_{YB}	11, 105, 193
Decimal	770484
CIE _{Lab}	70.53, -42.49, -4.85
CIE _{LCh}	71, 42.762, 186.511
Y _{xy}	41.5064, 0.2312, 0.3497
Android (android.graphics.Color)	4278960564 (0xFF0BC1B4)
YUV	137.1000, 21.1497, -110.5897
Hunter-Lab	64.4254, -36.7008, -0.6819

Details

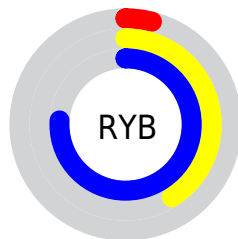
The YUV color **137.1000, 21.1497, -110.5897** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **66.9000, -21.1497, 110.5897**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7500, 15.4062, -88.3577**, and **95.4840, 15.5374, -83.7395** is the 20% darker color. If you saturate the color by 10%, you get **133.6970, 22.3344, -117.2523**, and if you desaturate by 10%, it is **142.8950, 18.7858, -99.0089**.

Distribution



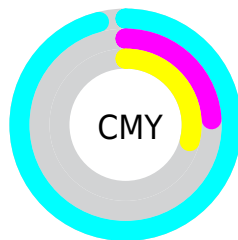
- Red (4%)
- Green (76%)
- Blue (71%)



- Red (4%)
- Yellow (41%)
- Blue (76%)



- Cyan (94%)
- Magenta (0%)
- Yellow (7%)
- Black (24%)



- Cyan (96%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.1000, 21.1497, -110.5897 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 137.1000, 21.1497, -110.5897 by changing the saturation by 10% instead.

■ 137.1000, 21.1497,
-110.5897

■ 137.1000, 21.1497,
-110.5897

■ 255.0000, 0.0000,
0.0000

■ 114.2970, 19.0806,
-100.2385

■ 204.7500, 15.4062,
-88.3577

■ 95.4840, 15.5374,
-83.7395

■ 219.4190, 17.5414,
-73.1585

■ 77.3720, 12.1416,
-67.8552

■ 228.6880, 12.9718,
-54.1004

■ 59.9610, 8.8932,
-52.5858

■ 237.9570, 8.4022,
-35.0423

■ 43.3650, 6.2291,
-38.0311

■ 247.2260, 3.8326,
-15.9842

■ 27.9430, 2.9861,
-24.5060

■ 3.8300, 4.5208,

-3.3589

■ 0.0000, 0.0000,
0.0000

■ 137.1000, 21.1497,
-110.5897

■ 137.1000, 21.1497,
-110.5897

■ 133.6970, 22.3344,
-117.2523

■ 142.8950, 18.7858,
-99.0089

■ 149.1030, 16.7112,
-86.9133

■ 154.8980, 14.3473,
-75.3325

■ 160.8070, 12.4201,
-63.8517

■ 166.6020, 10.0562,
-52.2710

■ 172.6960, 7.5449,
-40.0754

■ 178.6050, 5.6177,
-28.5946

■ 184.4000, 3.2538,
-17.0138

■ 190.4940, 0.7425,
-4.8182

Harmonies

Analogous

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



156.7920, -8.2785, -51.5606



137.1000, 21.1497, -110.5897



136.9690, 39.9483, -120.1218

Triad

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



137.1000, 21.1497, -110.5897



176.3350, 28.9218, 10.2302



171.3390, -34.1841, 44.4297

Complementary

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



137.1000, 21.1497, -110.5897



66.9000, -21.1497, 110.5897

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.



173.5380, -22.4502, 60.9182



137.1000, 21.1497, -110.5897



177.1300, 13.2469, 44.6130

Square

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



137.1000, 21.1497, -110.5897



168.4970, 39.6880, -36.3929



175.1310, -4.9946, 62.1521



168.7780, -36.8656, 17.7347

Rectangle

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



137.1000, 21.1497, -110.5897



137.2600, 48.6788, -120.3770



175.1310, -4.9946, 62.1521



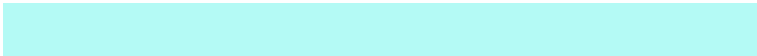
172.4800, -31.2956, 51.3220

Sweetspot

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



137.1000, 21.1497, -110.5897



228.5000, 8.1345, -42.5345



122.3190, -54.8803, -84.4718



111.8010, 5.0281, -26.1355



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



137.1000, 21.1497, -110.5897



173.1980, 28.9894, -151.8946



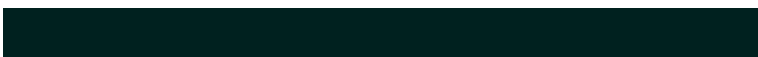
93.9700, 48.8218, -72.7647



93.8960, 1.0373, -6.0478



111.4930, 18.4910, -97.7794



22.9050, 3.9908, -20.0877

Inverse Universe

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



66.9000, -21.1497, 110.5897



76.8020, -28.9894, 151.8946



110.0300, -48.8218, 72.7647



90.1040, -1.0373, 6.0478



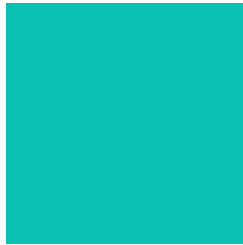
49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 137.1000, 21.1497, -110.5897 looks on a white background.

Color Contrast Check

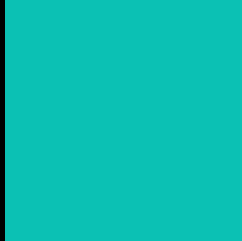
Large Text (above 18pt) WCAG AA × Fail

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 137.1000, 21.1497, -110.5897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

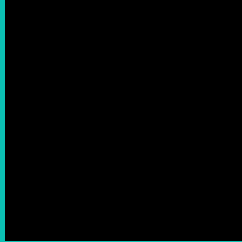
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

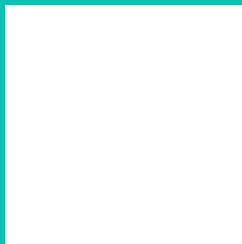
Any Text WCAG AAA ✓ Pass

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

YUV 137.1000, 21.1497, -110.5897 Background



This preview shows how black text looks on a background with the YUV color 137.1000, 21.1497, -110.5897.

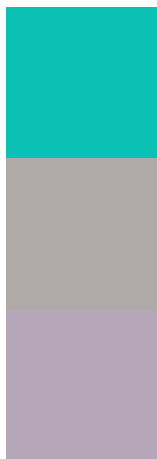


This preview shows how white text looks on a background with the YUV color 137.1000, 21.1497, -110.5897.

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

137.1000, 21.1497, -110.5897

Protanopia

171.1530, -2.0474, 3.3738

Deuteranopia

172.7650, 6.5249, 7.2221



Tritanopia

148.0670, 28.0680, -89.5128

Trichromacy



Original Color

137.1000, 21.1497, -110.5897

Protanomaly

158.4790, 6.6659, -38.1311

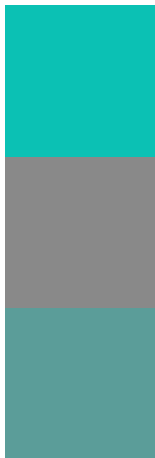
Deuteranomaly

159.8690, 11.8966, -35.8421

Tritanomaly

143.7410, 25.7637, -97.1199

Monochromacy



Original Color

137.1000, 21.1497, -110.5897

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.8100, 7.9817, -40.1754

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.1000, 21.1497, -110.5897 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(11, 193, 180)` looks like.

```
.text, #text, p{  
    color:rgb(11, 193, 180)  
}
```

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(11, 193, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 193, 180) }
```

Border

The CSS property to change the border of an element to YUV 137.1000, 21.1497, -110.5897 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(11, 193, 180) }
```


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

```
.border{ border-color:rgb(11, 193, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 193, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 193, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 193, 180);  
box-shadow:4px 4px 4px 4px rgb(11, 193,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 137.1000, 21.1497, -110.5897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 193, 180) }
```

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

```
.background{ background-color: rgb(11, 193,  
180) }
```

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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