

Converting Colors

YUV(137.2140, 21.5865,
-110.6897)

Have a look what the booklet for
YUV(137.2140, 21.5865, -110.6897)
contains.

YUV(137.2140, 21.5865, -110.6897)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(137.2140, 21.5865,
-110.6897)**

Conversions

Conversions Part 1

Format	Color
Hex	0BC1B5
RGB	11, 193, 181
RGB Percent	4%, 76%, 71%
CMY	0.9569, 0.2431, 0.2902
CMYK	0.94, 0.00, 0.06, 0.24
HSL	176°, 89%, 40%
HSV	176°, 94%, 76%
XYZ	27.5485, 41.5473, 50.2835
YIQ	137.2140, -104.6200, -42.3160

Conversions

Conversions Part 2

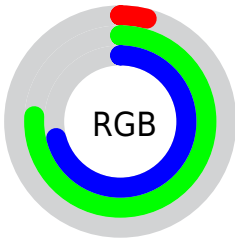
Format	Color
RYB	11, 105, 193
Decimal	770485
CIELab	70.56, -42.20, -5.35
CIELCh	71, 42.537, 187.231
Yxy	41.5473, 0.2308, 0.3480
Android (android.graphics.Color)	4278960565 (0xFF0BC1B5)
YUV	137.2140, 21.5865, -110.6897
Hunter-Lab	64.4572, -36.5106, -1.1326

Details

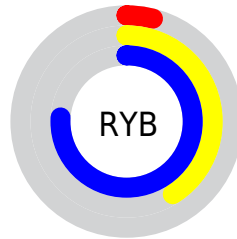
The YUV color **137.2140, 21.5865, -110.6897** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as dark washed spring green. A complement of this color would be **66.7860, -21.5865, 110.6897**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.8640, 15.8430, -88.4577**, and **96.1850, 15.6848, -84.3542** is the 20% darker color. If you saturate the color by 10%, you get **133.8110, 22.7712, -117.3522**, and if you desaturate by 10%, it is **143.0090, 19.2226, -99.1089**.

Distribution



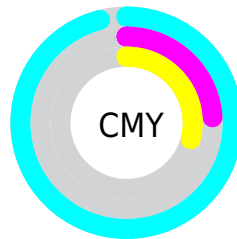
- Red (4%)
- Green (76%)
- Blue (71%)



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



- Cyan (94%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





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

Brightness & Saturation Gradients


These gradients show how the YUV color 137.2140, 21.5865, -110.6897 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 137.2140, 21.5865, -110.6897 by changing the saturation by 10% instead.


 137.2140, 21.5865,
-110.6897

 137.2140, 21.5865,
-110.6897


255.0000, 0.0000,
0.0000


 114.4110, 19.5174,
-100.3384

 204.8640, 15.8430,
-88.4577

 96.1850, 15.6848,
-84.3542


 219.4190, 17.5414,
-73.1585


 77.4860, 12.5784,
-67.9552


 228.6880, 12.9718,
-54.1004

 60.0750, 9.3300,
-52.6858

 237.9570, 8.4022,
-35.0423

 43.4790, 6.6659,
-38.1311

 247.2260, 3.8326,
-15.9842

 28.0570, 3.4229,
-24.6060

 3.9440, 4.9576,

-3.4589

■ 0.0000, 0.0000,
0.0000

■ 137.2140, 21.5865,
-110.6897

■ 137.2140, 21.5865,
-110.6897

■ 133.8110, 22.7712,
-117.3522

■ 143.0090, 19.2226,
-99.1089

■ 149.2170, 17.1480,
-87.0133

■ 155.0120, 14.7841,
-75.4325

■ 160.8070, 12.4201,
-63.8517

■ 166.6020, 10.0562,
-52.2710

■ 172.8100, 7.9817,
-40.1754

■ 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.



157.1940, -7.9836, -52.7901



137.2140, 21.5865, -110.6897



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.



137.2140, 21.5865, -110.6897



176.5200, 28.3376, 10.9450



171.9260, -34.4735, 43.9149

Complementary

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



137.2140, 21.5865, -110.6897



66.7860, -21.5865, 110.6897

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



137.2140, 21.5865, -110.6897



177.3150, 12.6627, 45.3277

Square

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



137.2140, 21.5865, -110.6897



168.5080, 39.6826, -34.6485



175.7180, -5.2840, 61.6373



168.4790, -36.7181, 17.1199

Rectangle

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



137.2140, 21.5865, -110.6897



136.7870, 49.4050, -119.9622



175.7180, -5.2840, 61.6373



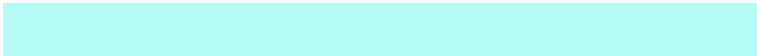
172.1810, -31.1482, 50.7073

Sweetspot

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



137.2140, 21.5865, -110.6897



228.5000, 8.1345, -42.5345



121.4220, -54.4380, -86.3161



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.



137.2140, 21.5865, -110.6897



173.3120, 29.4262, -151.9946



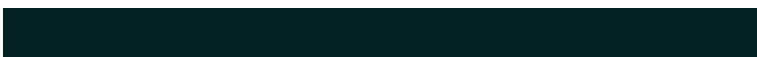
92.2090, 49.6900, -71.2203



93.8960, 1.0373, -6.0478



111.6070, 18.9277, -97.8793



22.9050, 3.9908, -20.0877

Inverse Universe

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



66.7860, -21.5865, 110.6897



76.5740, -29.8630, 152.0946



111.7910, -49.6900, 71.2203



90.1040, -1.0373, 6.0478



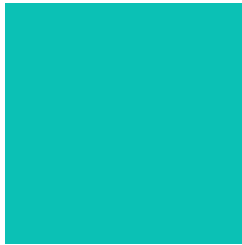
49.3930, -18.9277, 97.8793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 137.2140, 21.5865, -110.6897 looks on a white background.

Color Contrast Check

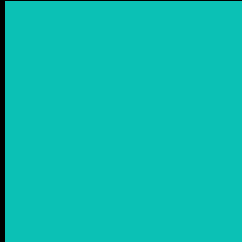
Large Text (above 18pt) WCAG AA × Fail

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 137.2140, 21.5865, -110.6897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

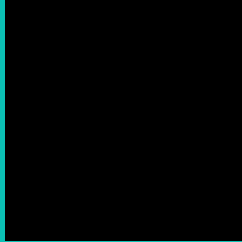
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

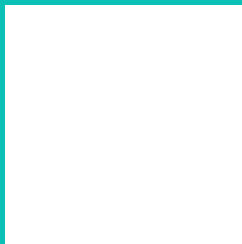
Any Text WCAG AAA ✓ Pass

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

YUV 137.2140, 21.5865, -110.6897 Background



This preview shows how black text looks on a background with the YUV color 137.2140, 21.5865, -110.6897.

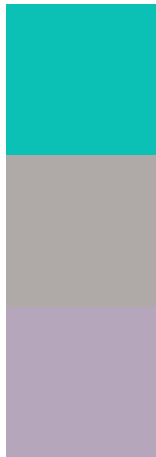


This preview shows how white text looks on a background with the YUV color 137.2140, 21.5865, -110.6897.

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

137.2140, 21.5865, -110.6897

Protanopia

171.2670, -1.6106, 3.2738

Deuteranopia

172.8790, 6.9617, 7.1221



Tritanopia

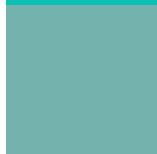
147.7680, 28.2154, -90.1275

Trichromacy



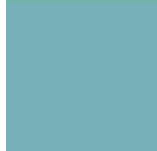
Original Color

137.2140, 21.5865, -110.6897



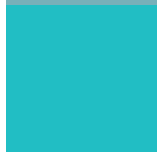
Protanomaly

158.5930, 7.1027, -38.2311



Deuteranomaly

159.9830, 12.3334, -35.9421



Tritanomaly

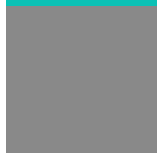
143.7410, 25.7637, -97.1199

Monochromacy



Original Color

137.2140, 21.5865, -110.6897



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 137.2140, 21.5865, -110.6897 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(11, 193, 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(11, 193, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 193, 181) }
```

Border

The CSS property to change the border of an element to YUV 137.2140, 21.5865, -110.6897 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, 181) }
```


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

```
.border{ border-color:rgb(11, 193, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 193, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 193, 181);  
box-shadow:4px 4px 4px 4px rgb(11, 193,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 137.2140, 21.5865, -110.6897 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, 181) }
```

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

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