

Converting Colors

YUV(158.5130, 21.4391,
-110.0749)

Have a look what the booklet for
YUV(158.5130, 21.4391, -110.0749)
contains.

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Color

**YUV(158.5130, 21.4391,
-110.0749)**

Conversions

Conversions Part 1

Format	Color
Hex	21D6CA
RGB	33, 214, 202
RGB Percent	13%, 84%, 79%
CMY	0.8706, 0.1608, 0.2078
CMYK	0.85, 0.00, 0.06, 0.16
HSL	176°, 73%, 48%
HSV	176°, 85%, 84%
XYZ	35.3344, 52.6807, 64.1832
YIQ	158.5130, -104.0240, -42.1040

Conversions

Conversions Part 2

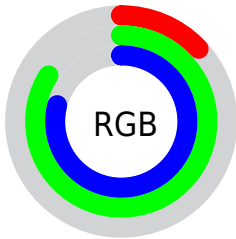
Format	Color
RYB	33, 127, 214
Decimal	2217674
CIELab	77.69, -44.30, -6.17
CIELCh	78, 44.726, 187.924
Yxy	52.6807, 0.2322, 0.3461
Android (android.graphics.Color)	4280407754 (0xFF21D6CA)
YUV	158.5130, 21.4391, -110.0749
Hunter-Lab	72.5815, -40.1195, -1.6226

Details

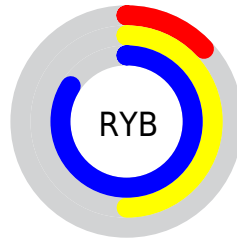
The YUV color **158.5130, 21.4391, -110.0749** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **88.4870, -21.4391, 110.0749**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4390, 20.4896, -85.4540**, and **109.6180, 18.9223, -96.1350** is the 20% darker color. If you saturate the color by 10%, you get **152.1200, 24.0978, -122.8852**, and if you desaturate by 10%, it is **164.9060, 18.7803, -97.2646**.

Distribution



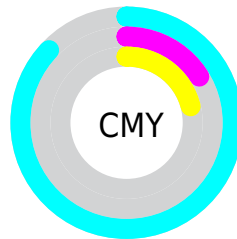
- Red (13%)
- Green (84%)
- Blue (79%)



- Red (13%)
- Yellow (50%)
- Blue (84%)



- Cyan (85%)
- Magenta (0%)
- Yellow (6%)
- Black (16%)



- Cyan (87%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5130, 21.4391, -110.0749 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 158.5130, 21.4391, -110.0749 by changing the saturation by 10% instead.

158.5130, 21.4391,
-110.0749

158.5130, 21.4391,
-110.0749

255.0000, 0.0000,
0.0000

129.1320, 22.6129,
-113.2488

213.4390, 20.4896,
-85.4540

109.6180, 18.9223,
-96.1350

223.0070, 15.7725,
-65.7811

91.3920, 15.0897,
-80.1508

232.5750, 11.0555,
-46.1083

73.3940, 12.1308,
-64.3665

241.8440, 6.4859,
-27.0502

55.9830, 8.8824,
-49.0971

251.4120, 1.7689,
-7.3773

38.6860, 6.0708,
-33.9276

23.9650, 2.9753,

-21.0173

■ 0.5700, 2.1840,
-0.4999

■ 0.0000, 0.0000,
0.0000

■ 158.5130, 21.4391,
-110.0749

■ 158.5130, 21.4391,
-110.0749

■ 152.1200, 24.0978,
-122.8852

■ 164.9060, 18.7803,
-97.2646

■ 148.4180, 25.4299,
-130.1626

■ 171.7120, 16.4110,
-83.9394

■ 178.1050, 13.7522,
-71.1291

■ 184.9110, 11.3829,
-57.8039

■ 191.3040, 8.7241,
-44.9936

■ 197.8110, 6.5022,
-32.2832

■ 204.5030, 3.6960,
-18.8581

■ 210.8960, 1.0373,
-6.0478

■ 217.7020, -1.3321,
7.2773

Harmonies

Analogous

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



174.8730, -7.8254, -56.8936



158.5130, 21.4391, -110.0749



152.0320, 44.3542, -133.3321

Triad

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



158.5130, 21.4391, -110.0749



196.0580, 29.0584, 13.1041



191.2530, -37.0997, 46.2591

Complementary

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



158.5130, 21.4391, -110.0749



88.4870, -21.4391, 110.0749

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.



189.4020, -22.8762, 57.5294



158.5130, 21.4391, -110.0749



197.4510, 13.0887, 48.7165

Square

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



158.5130, 21.4391, -110.0749



186.0260, 34.0042, -33.3488



190.3260, -4.1047, 56.7191



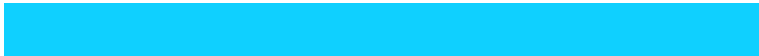
187.7950, -39.3389, 17.7198

Rectangle

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



158.5130, 21.4391, -110.0749



155.6510, 48.9791, -123.3509



190.3260, -4.1047, 56.7191



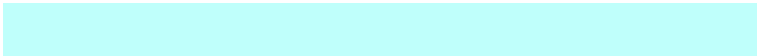
192.1060, -34.0693, 54.2810

Sweetspot

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



158.5130, 21.4391, -110.0749



235.4080, 7.6869, -38.9458



142.8350, -54.1487, -85.8013



115.9970, 4.4385, -23.6764



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.



158.5130, 21.4391, -110.0749



176.8170, 30.1632, -155.0685



114.0950, 49.2532, -71.1203



103.5970, 1.1847, -6.6626



118.6170, 20.4018, -104.0271



29.8010, 5.0281, -26.1355

Inverse Universe

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



88.4870, -21.4391, 110.0749



78.1830, -30.1632, 155.0685



132.9050, -49.2532, 71.1203



99.4030, -1.1847, 6.6626



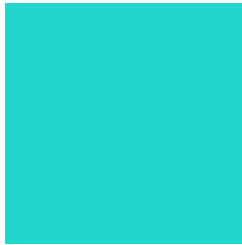
52.3830, -20.4018, 104.0271



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 158.5130, 21.4391, -110.0749 looks on a white background.

Color Contrast Check

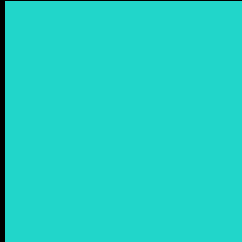
Large Text (above 18pt) WCAG AA × Fail

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 158.5130, 21.4391, -110.0749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

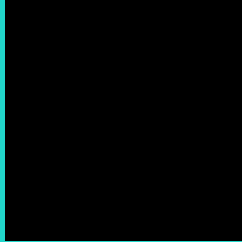
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

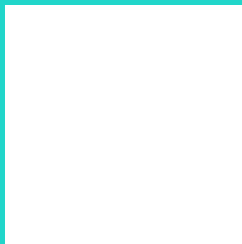
Any Text WCAG AAA ✓ Pass

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

YUV 158.5130, 21.4391, -110.0749 Background



This preview shows how black text looks on a background with the YUV color 158.5130, 21.4391, -110.0749.

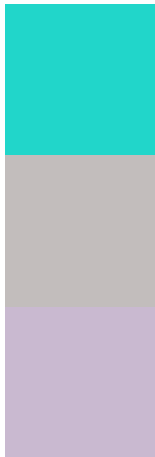


This preview shows how white text looks on a background with the YUV color 158.5130, 21.4391, -110.0749.

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

158.5130, 21.4391, -110.0749

Protanopia

190.3810, -1.1738, 3.1739

Deuteranopia

192.4060, 7.6878, 7.5369



Tritanopia

166.1910, 29.9788, -95.7605

Trichromacy



Original Color

158.5130, 21.4391, -110.0749



Protanomaly

178.5930, 7.1027, -38.2311



Deuteranomaly

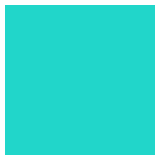
180.3960, 12.6228, -35.4273



Tritanomaly

163.0610, 27.0849, -100.9085

Monochromacy



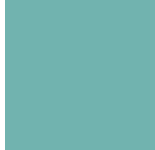
Original Color

158.5130, 21.4391, -110.0749



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.8100, 7.9817, -40.1754

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5130, 21.4391, -110.0749 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, 214, 202)` looks like.

```
.text, #text, p{  
    color:rgb(33, 214, 202)  
}
```

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, 214, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 214, 202) }
```

Border

The CSS property to change the border of an element to YUV 158.5130, 21.4391, -110.0749 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, 214, 202) }
```


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

```
.border{ border-color:rgb(33, 214, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 214, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 214, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 214, 202);  
box-shadow:4px 4px 4px 4px rgb(33, 214,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 158.5130, 21.4391, -110.0749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 214, 202) }
```

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

```
.background{ background-color: rgb(33, 214,  
202) }
```

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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