

Converting Colors

YUV(169.3710, 23.4811,
-111.7044)

Have a look what the booklet for
YUV(169.3710, 23.4811, -111.7044)
contains.

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Color

**YUV(169.3710, 23.4811,
-111.7044)**

Conversions

Conversions Part 1

Format	Color
Hex	2AE1D9
RGB	42, 225, 217
RGB Percent	16%, 88%, 85%
CMY	0.8353, 0.1176, 0.1490
CMYK	0.81, 0.00, 0.04, 0.12
HSL	177°, 75%, 52%
HSV	177°, 81%, 88%
XYZ	40.4044, 59.3524, 74.9723
YIQ	169.3710, -106.5000, -41.2840

Conversions

Conversions Part 2

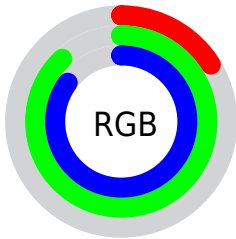
Format	Color
RYP	42, 136, 225
Decimal	2810329
CIELab	81.48, -44.24, -8.53
CIElCh	81, 45.056, 190.914
Yxy	59.3524, 0.2312, 0.3397
Android (android.graphics.Color)	4281000409 (0xFF2AE1D9)
YUV	169.3710, 23.4811, -111.7044
Hunter-Lab	77.0405, -41.2053, -3.7699

Details

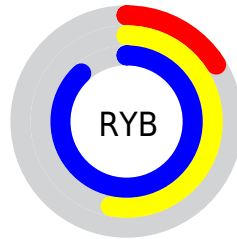
The YUV color **169.3710, 23.4811, -111.7044** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **97.6290, -23.4811, 111.7044**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5320, 19.4577, -81.1506**, and **117.6710, 21.8542, -103.1975** is the 20% darker color. If you saturate the color by 10%, you get **162.6790, 26.2873, -125.1295**, and if you desaturate by 10%, it is **176.3620, 20.5275, -97.6645**.

Distribution



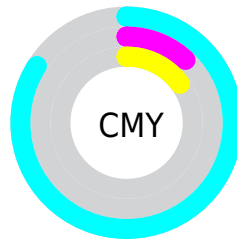
- Red (16%)
- Green (88%)
- Blue (85%)



- Red (16%)
- Yellow (53%)
- Blue (88%)



- Cyan (81%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (84%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.3710, 23.4811, -111.7044 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 169.3710, 23.4811, -111.7044 by changing the saturation by 10% instead.

■ 169.3710, 23.4811,
-111.7044

■ 169.3710, 23.4811,
-111.7044

■ 255.0000, 0.0000,
0.0000

■ 137.1850, 25.5448,
-120.3112

■ 215.5320, 19.4577,
-81.1506

■ 117.6710, 21.8542,
-103.1975

■ 225.1000, 14.7407,
-61.4777

■ 98.8580, 18.3110,
-86.6985

■ 234.6680, 10.0237,
-41.8048

■ 80.7460, 14.9152,
-70.8142

■ 244.2360, 5.3067,
-22.1320

■ 62.6340, 11.5194,
-54.9300

■ 253.5050, 0.7370,
-3.0739

■ 45.3370, 8.7079,
-39.7605

■ 30.5020, 5.1755,

-26.7503

■ 8.9650, 6.4263,
-7.8623

■ 0.0000, 0.0000,
0.0000

■ 169.3710, 23.4811,
-111.7044

■ 169.3710, 23.4811,
-111.7044

■ 162.6790, 26.2873,
-125.1295

■ 176.3620, 20.5275,
-97.6645

■ 156.5850, 28.7986,
-137.3250

■ 183.0540, 17.7214,
-84.2394

■ 190.0450, 14.7678,
-70.1995

■ 196.7370, 11.9617,
-56.7743

■ 203.7280, 9.0081,
-42.7345

■ 210.4200, 6.2019,
-29.3093

■ 217.4110, 3.2484,
-15.2694

■ 224.1030, 0.4422,
-1.8443

■ 230.7950, -2.3639,
11.5808

Harmonies

Analogous

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



184.7090, -5.7725, -62.0118



169.3710, 23.4811, -111.7044



159.3840, 47.1387, -139.7798

Triad

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



169.3710, 23.4811, -111.7044



206.1250, 24.0954, 18.3074



201.7860, -38.8415, 44.9147

Complementary

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



169.3710, 23.4811, -111.7044



97.6290, -23.4811, 111.7044

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.



197.1300, -23.7281, 50.7520



169.3710, 23.4811, -111.7044



204.1300, 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.



169.3710, 23.4811, -111.7044



196.6910, 28.7463, -26.9160



196.8800, -4.3778, 50.9712



198.0720, -39.4755, 14.8459

Rectangle

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



169.3710, 23.4811, -111.7044



173.4810, 40.1889, -103.9078



196.8800, -4.3778, 50.9712



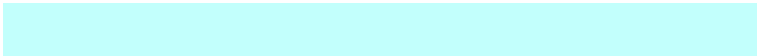
200.2470, -34.6318, 48.0184

Sweetspot

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



169.3710, 23.4811, -111.7044



236.4190, 7.6814, -37.2015



152.1120, -54.2852, -88.6752



116.7090, 4.5805, -22.5468



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.



169.3710, 23.4811, -111.7044



178.9960, 32.0470, -152.5945



122.1490, 50.7055, -70.2907



108.7110, 1.6215, -6.7625



122.4640, 22.4492, -107.4009



33.4200, 6.2019, -29.3093

Inverse Universe

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



97.6290, -23.4811, 111.7044



81.0040, -32.0470, 152.5945



144.8510, -50.7055, 70.2907



104.2890, -1.6215, 6.7625



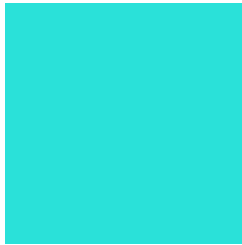
53.5360, -22.4492, 107.4009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 169.3710, 23.4811, -111.7044 looks on a white background.

Color Contrast Check

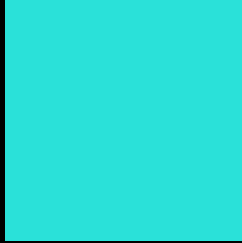
Large Text (above 18pt) WCAG AA × Fail

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 169.3710, 23.4811, -111.7044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

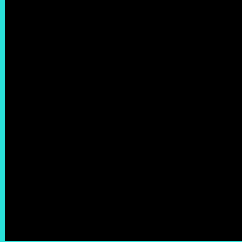
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

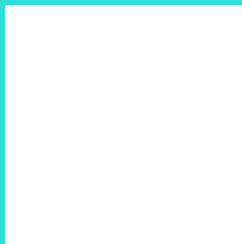
Any Text WCAG AAA ✓ Pass

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

YUV 169.3710, 23.4811, -111.7044 Background



This preview shows how black text looks on a background with the YUV color 169.3710, 23.4811, -111.7044.

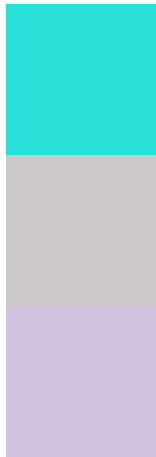


This preview shows how white text looks on a background with the YUV color 169.3710, 23.4811, -111.7044.

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

169.3710, 23.4811, -111.7044

Protanopia

201.4240, 0.2840, 2.2592

Deuteranopia

202.7910, 10.4560, 6.3223



Tritanopia

176.2120, 31.4475, -100.1639

Trichromacy



Original Color

169.3710, 23.4811, -111.7044



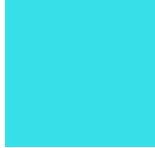
Protanomaly

189.6360, 8.5605, -39.1458



Deuteranomaly

190.6670, 14.9542, -36.5420



Tritanomaly

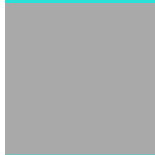
173.7940, 28.6956, -104.1823

Monochromacy



Original Color

169.3710, 23.4811, -111.7044



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

168.9240, 8.4185, -40.2753

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.3710, 23.4811, -111.7044 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(42, 225, 217)` looks like.

```
.text, #text, p{  
    color:rgb(42, 225, 217)  
}
```

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(42, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 225, 217) }
```

Border

The CSS property to change the border of an element to YUV 169.3710, 23.4811, -111.7044 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(42, 225, 217) }
```


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

```
.border{ border-color:rgb(42, 225, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(42, 225,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 169.3710, 23.4811, -111.7044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 225, 217) }
```

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

```
.background{ background-color: rgb(42, 225,  
217) }
```

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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