

Converting Colors

YUV(169.1300, 2.4009,
-70.2740)

Have a look what the booklet for
YUV(169.1300, 2.4009, -70.2740)
contains.

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Color

**YUV(169.1300, 2.4009,
-70.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	59D1AE
RGB	89, 209, 174
RGB Percent	35%, 82%, 68%
CMY	0.6510, 0.1804, 0.3176
CMYK	0.57, 0.00, 0.17, 0.18
HSL	162°, 57%, 58%
HSV	162°, 57%, 82%
XYZ	34.5603, 50.7808, 48.0246
YIQ	169.1300, -60.2850, -36.3250

Conversions

Conversions Part 2

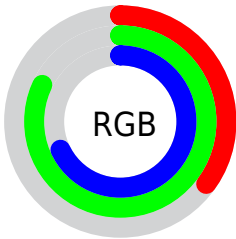
Format	Color
RYB	89, 159, 209
Decimal	5886382
CIELab	76.55, -42.03, 7.32
CIELCh	77, 42.663, 170.119
Yxy	50.7808, 0.2591, 0.3808
Android (android.graphics.Color)	4284076462 (0xFF59D1AE)
YUV	169.1300, 2.4009, -70.2740
Hunter-Lab	71.2606, -38.1364, 9.9252

Details

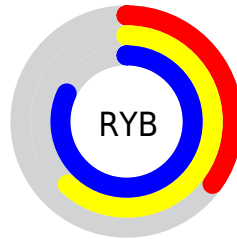
The YUV color **169.1300, 2.4009, -70.2740** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **128.8700, -2.4009, 70.2740**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0430, 4.4158, -63.1817**, and **106.1000, 7.8387, -87.7877** is the 20% darker color. If you saturate the color by 10%, you get **162.1670, 2.8757, -82.5845**, and if you desaturate by 10%, it is **176.0930, 1.9262, -57.9636**.

Distribution



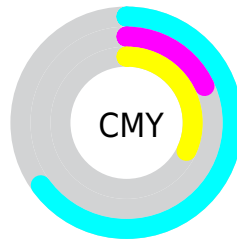
- Red (35%)
- Green (82%)
- Blue (68%)



- Red (35%)
- Yellow (62%)
- Blue (82%)



- Cyan (57%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.1300, 2.4009, -70.2740 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 169.1300, 2.4009, -70.2740 by changing the saturation by 10% instead.

■ 169.1300, 2.4009,
-70.2740

■ 169.1300, 2.4009,
-70.2740

■ 255.0000, 0.0000,
0.0000

■ 140.0480, 3.4273,
-72.8331

■ 220.0430, 4.4158,
-63.1817

■ 106.1000, 7.8387,
-87.7877

■ 231.9770, 11.3503,
-47.3378

■ 85.6070, 5.6167,
-75.0773

■ 240.6480, 7.0755,
-29.5093

■ 67.6090, 2.6578,
-59.2931

■ 249.6180, 2.6533,
-11.0660

■ 51.0130, -0.0064,
-44.7384

■ 34.4170, -2.6706,
-30.1837

■ 18.7670, -6.7871,

-16.4587

■ 0.0000, 0.0000,
0.0000

■ 169.1300, 2.4009,
-70.2740

■ 169.1300, 2.4009,
-70.2740

■ 162.1670, 2.8757,
-82.5845

■ 176.0930, 1.9262,
-57.9636

■ 155.2040, 3.3504,
-94.8949

■ 183.0560, 1.4514,
-45.6531

■ 148.2410, 3.8252,
-107.2054

■ 190.0190, 0.9766,
-33.3427

■ 141.2780, 4.2999,
-119.5158

■ 196.9820, 0.5019,
-21.0322

■ 139.5550, 4.1634,
-122.3897

■ 203.9450, 0.0271,
-8.7218

■ 210.7230, 0.1366,
2.8739

■ 217.6860, -0.3382,
15.1844

■ 224.3500, -0.6655,
26.8801

■ 225.0340, 1.9552,
26.2802

Harmonies

Analogous

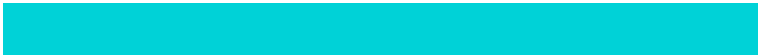
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



177.8240, -20.1262, -31.4176



169.1300, 2.4009, -70.2740



147.7800, 33.1395, -129.6031

Triad

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



169.1300, 2.4009, -70.2740



188.5170, 32.7761, -12.7314



189.3820, -29.2753, 56.6700

Complementary

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



169.1300, 2.4009, -70.2740



128.8700, -2.4009, 70.2740

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.



188.2740, -11.9671, 58.5187



169.1300, 2.4009, -70.2740



194.1370, 22.6105, 27.9439

Square

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



169.1300, 2.4009, -70.2740



176.4030, 38.7483, -61.7434



192.8340, 5.5048, 54.5196



187.0620, -37.4986, 34.1486

Rectangle

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



169.1300, 2.4009, -70.2740



149.2280, 43.7646, -130.8730



192.8340, 5.5048, 54.5196



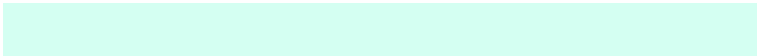
188.4730, -23.8972, 58.3442

Sweetspot

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



169.1300, 2.4009, -70.2740



240.6610, 0.6601, -25.1357



170.2040, -40.0336, -39.6439



119.3140, 0.3382, -15.1844



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.



169.1300, 2.4009, -70.2740



196.5620, 3.6669, -103.1019



159.0320, 24.6342, -61.4181



101.3690, 0.3111, -6.4626



112.1820, 3.3613, -98.3836



27.3730, 0.8021, -24.0061

Inverse Universe

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



128.8700, -2.4009, 70.2740



137.4380, -3.6669, 103.1019



138.9680, -24.6342, 61.4181



97.6310, -0.3111, 6.4626



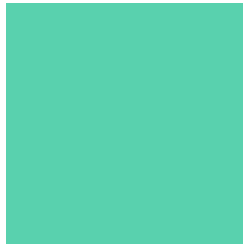
55.8180, -3.3613, 98.3836



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 169.1300, 2.4009, -70.2740 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 169.1300, 2.4009, -70.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

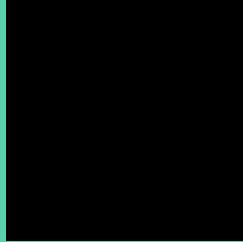
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

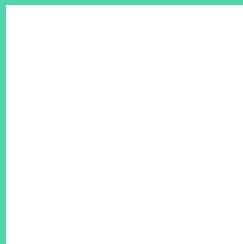
Any Text WCAG AAA ✓ Pass

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

YUV 169.1300, 2.4009, -70.2740 Background



This preview shows how black text looks on a background with the YUV color 169.1300, 2.4009, -70.2740.



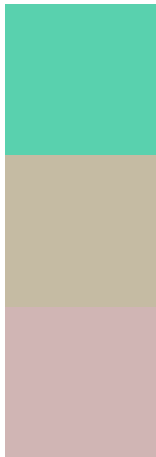
This preview shows how white text looks on a background with the YUV color 169.1300, 2.4009, -70.2740.

-70.2740.

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

169.1300, 2.4009, -70.2740

Protanopia

187.2540, -11.9572, 8.5472

Deuteranopia

188.9590, -4.4168, 16.6990



Tritanopia

175.2230, 21.5821, -62.4626

Trichromacy



Original Color

169.1300, 2.4009, -70.2740



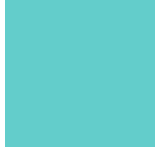
Protanomaly

180.7450, -6.7763, -19.9474



Deuteranomaly

181.7440, -1.8458, -14.6845



Tritanomaly

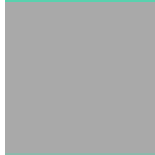
173.0780, 14.7515, -64.9664

Monochromacy



Original Color

169.1300, 2.4009, -70.2740



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.3620, 0.8075, -25.7505

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.1300, 2.4009, -70.2740 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(89, 209, 174)` looks like.

```
.text, #text, p{  
    color:rgb(89, 209, 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(89, 209, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 209, 174) }
```

Border

The CSS property to change the border of an element to YUV 169.1300, 2.4009, -70.2740 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(89, 209, 174) }
```


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

```
.border{ border-color:rgb(89, 209, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 209, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 209, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 209, 174);  
box-shadow:4px 4px 4px 4px rgb(89, 209,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 169.1300, 2.4009, -70.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 209, 174) }
```

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

```
.background{ background-color: rgb(89, 209,  
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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