

Converting Colors

YUV(169.2700, 6.7689,
-71.2738)

Have a look what the booklet for
YUV(169.2700, 6.7689, -71.2738)
contains.

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Color

**YUV(169.2700, 6.7689,
-71.2738)**

Conversions

Conversions Part 1

Format	Color
Hex	58D0B7
RGB	88, 208, 183
RGB Percent	35%, 82%, 72%
CMY	0.6549, 0.1843, 0.2824
CMYK	0.58, 0.00, 0.12, 0.18
HSL	168°, 56%, 58%
HSV	168°, 58%, 82%
XYZ	35.1276, 50.6054, 52.7161
YIQ	169.2700, -63.4950, -33.2150

Conversions

Conversions Part 2

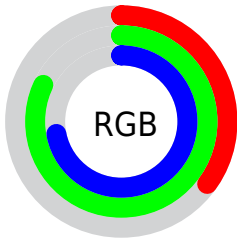
Format	Color
RYB	88, 155, 208
Decimal	5820599
CIELab	76.44, -39.63, 2.33
CIELCh	76, 39.697, 176.631
Yxy	50.6054, 0.2537, 0.3655
Android (android.graphics.Color)	4284010679 (0xFF58D0B7)
YUV	169.2700, 6.7689, -71.2738
Hunter-Lab	71.1374, -36.3473, 5.8596

Details

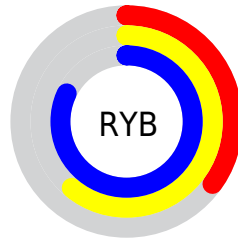
The YUV color **169.2700, 6.7689, -71.2738** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **126.7300, -6.7689, 71.2738**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.1830, 8.7838, -64.1815**, and **104.6310, 12.5069, -91.7614** is the 20% darker color. If you saturate the color by 10%, you get **162.5350, 8.1172, -83.7842**, and if you desaturate by 10%, it is **176.0050, 5.4205, -58.7634**.

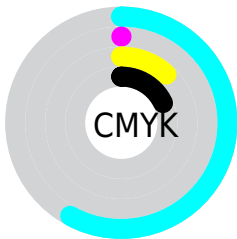
Distribution



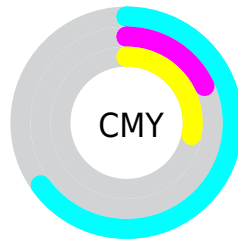
- Red (35%)
- Green (82%)
- Blue (72%)



- Red (35%)
- Yellow (61%)
- Blue (82%)



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (65%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.2700, 6.7689, -71.2738 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 169.2700, 6.7689, -71.2738 by changing the saturation by 10% instead.

■ 169.2700, 6.7689,
-71.2738

■ 169.2700, 6.7689,
-71.2738

■ 255.0000, 0.0000,
0.0000

■ 139.8890, 7.9427,
-74.4477

■ 221.1830, 8.7838,
-64.1815

■ 104.6310, 12.5069,
-91.7614

■ 231.6780, 11.4977,
-47.9526

■ 85.9320, 9.4005,
-75.3624

■ 240.6480, 7.0755,
-29.5093

■ 68.5210, 6.1521,
-60.0929

■ 249.6180, 2.6533,
-11.0660

■ 51.2240, 3.3406,
-44.9234

■ 34.7420, 1.1132,
-30.4687

■ 20.0210, -1.9824,

-17.5584

■ 0.0000, 0.0000,
0.0000

■ 169.2700, 6.7689,
-71.2738

■ 169.2700, 6.7689,
-71.2738

■ 162.5350, 8.1172,
-83.7842

■ 176.0050, 5.4205,
-58.7634

■ 155.6860, 9.0288,
-96.1946

■ 182.8540, 4.5090,
-46.3530

■ 149.2500, 10.2298,
-108.0902

■ 189.2900, 3.3080,
-34.4573

■ 142.5150, 11.5781,
-120.6007

■ 196.0250, 1.9597,
-21.9469

■ 140.9060, 11.8783,
-123.5746

■ 202.8740, 1.0481,
-9.5365

■ 209.6090, -0.3002,
2.9739

■ 216.3440, -1.6486,
15.4843

■ 222.8940, -2.4127,
27.2800

■ 223.6490, -0.8130,
27.4948

Harmonies

Analogous

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



177.1700, -14.8738, -36.1061



169.2700, 6.7689, -71.2738



159.7340, 29.7111, -103.2527

Triad

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



169.2700, 6.7689, -71.2738



191.1160, 31.0018, -3.6097



188.8110, -29.9798, 49.2778

Complementary

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



169.2700, 6.7689, -71.2738



126.7300, -6.7689, 71.2738

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.



189.3510, -15.4560, 57.5742



169.2700, 6.7689, -71.2738



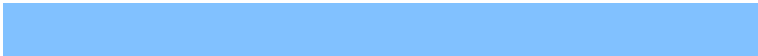
193.7910, 17.3580, 32.6323

Square

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



169.2700, 6.7689, -71.2738



180.9320, 36.5155, -45.5444



192.2810, 0.8475, 55.0046



186.5880, -35.2929, 26.6713

Rectangle

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



169.2700, 6.7689, -71.2738



162.1610, 38.8676, -100.1192



192.2810, 0.8475, 55.0046



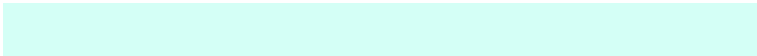
189.5820, -25.9229, 54.7406

Sweetspot

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



169.2700, 6.7689, -71.2738



241.1170, 2.4073, -25.5356



166.2140, -38.5595, -45.7917



119.5420, 1.2118, -15.3843



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.



169.2700, 6.7689, -71.2738



198.1580, 9.7821, -104.5016



152.1620, 27.5281, -56.2701



101.3690, 0.3111, -6.4626



113.7780, 9.4764, -99.7833



27.7150, 2.1125, -24.3061

Inverse Universe

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



126.7300, -6.7689, 71.2738



135.8420, -9.7821, 104.5016



143.8380, -27.5281, 56.2701



97.5170, -0.7479, 6.5626



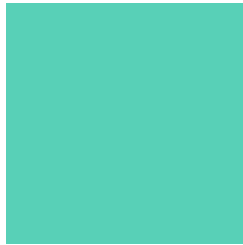
54.2220, -9.4764, 99.7833



13.1710, -2.5493, 24.4060

Previews

White Background



This preview shows how the YUV color 169.2700, 6.7689, -71.2738 looks on a white background.

Color Contrast Check

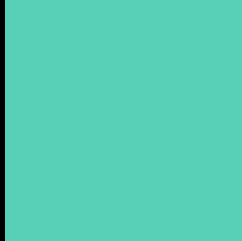
Large Text (above 18pt) WCAG AA × Fail

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 169.2700, 6.7689, -71.2738 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

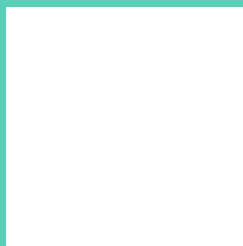
Any Text WCAG AAA ✓ Pass

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

YUV 169.2700, 6.7689, -71.2738 Background



This preview shows how black text looks on a background with the YUV color 169.2700, 6.7689, -71.2738.



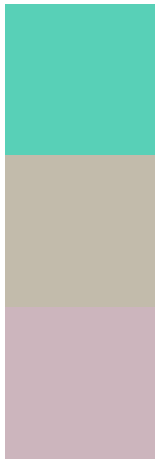
This preview shows how white text looks on a background with the YUV color 169.2700, 6.7689, -71.2738.

-71.2738.

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

169.2700, 6.7689, -71.2738

Protanopia

187.2690, -8.0206, 5.9031

Deuteranopia

188.7890, 0.1040, 13.3400



Tritanopia

174.3260, 22.0243, -64.3069

Trichromacy



Original Color

169.2700, 6.7689, -71.2738



Protanomaly

180.7600, -2.8397, -22.5915



Deuteranomaly

181.8730, 2.5276, -17.4286



Tritanomaly

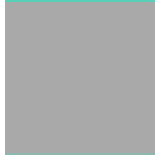
172.5230, 16.5042, -67.1107

Monochromacy



Original Color

169.2700, 6.7689, -71.2738



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.1170, 2.4073, -25.5356

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.2700, 6.7689, -71.2738 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(88, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(88, 208, 183)  
}
```

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(88, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 208, 183) }
```

Border

The CSS property to change the border of an element to YUV 169.2700, 6.7689, -71.2738 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(88, 208, 183) }
```


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

```
.border{ border-color:rgb(88, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(88, 208,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 169.2700, 6.7689, -71.2738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 208, 183) }
```

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

```
.background{ background-color: rgb(88, 208,  
183) }
```

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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