

Converting Colors

YUV(152.5600, 0.2169,
-69.7741)

Have a look what the booklet for
YUV(152.5600, 0.2169, -69.7741)
contains.

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Color

**YUV(152.5600, 0.2169,
-69.7741)**

Conversions

Conversions Part 1

Format	Color
Hex	49C199
RGB	73, 193, 153
RGB Percent	29%, 76%, 60%
CMY	0.7137, 0.2431, 0.4000
CMYK	0.62, 0.00, 0.21, 0.24
HSL	160°, 49%, 52%
HSV	160°, 62%, 76%
XYZ	27.5674, 41.8563, 36.7631
YIQ	152.5600, -58.6800, -37.8800

Conversions

Conversions Part 2

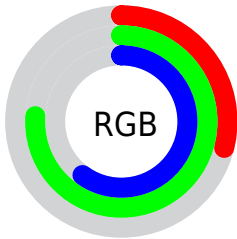
Format	Color
RYB	73, 145, 193
Decimal	4833689
CIELab	70.77, -43.05, 10.34
CIELCh	71, 44.270, 166.493
Yxy	41.8563, 0.2596, 0.3942
Android (android.graphics.Color)	4283023769 (0xFF49C199)
YUV	152.5600, 0.2169, -69.7741
Hunter-Lab	64.6964, -37.1593, 11.5966

Details

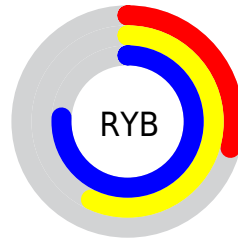
The YUV color **152.5600, 0.2169, -69.7741** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **113.4400, -0.2169, 69.7741**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1150, -1.5357, -67.6299**, and **93.2210, 4.3280, -81.7548** is the 20% darker color. If you saturate the color by 10%, you get **146.1950, 0.3969, -80.8550**, and if you desaturate by 10%, it is **158.9250, 0.0370, -58.6932**.

Distribution



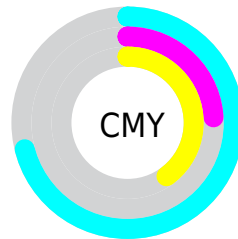
- Red (29%)
- Green (76%)
- Blue (60%)



- Red (29%)
- Yellow (57%)
- Blue (76%)



- Cyan (62%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)



- Cyan (71%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.5600, 0.2169, -69.7741 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 152.5600, 0.2169, -69.7741 by changing the saturation by 10% instead.

■ 152.5600, 0.2169,
-69.7741

■ 152.5600, 0.2169,
-69.7741

■ 255.0000, 0.0000,
0.0000

■ 122.3960, 2.2698,
-74.8923

■ 210.1150, -1.5357,
-67.6299

■ 93.2210, 4.3280,
-81.7548

■ 225.0270, 5.4097,
-55.2747

■ 74.6360, 1.6585,
-65.4558

■ 235.8640, 9.4340,
-39.3457

■ 57.3390, -1.1531,
-50.2863

■ 244.8340, 5.0118,
-20.9024

■ 40.8570, -3.3805,
-35.8316

■ 253.8040, 0.5896,
-2.4591

■ 25.4350, -6.6235,
-22.3065

■ 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,
0.0000

■ 152.5600, 0.2169,
-69.7741

■ 152.5600, 0.2169,
-69.7741

■ 146.1950, 0.3969,
-80.8550

■ 158.9250, 0.0370,
-58.6932

■ 139.4170, 0.2874,
-92.4507

■ 165.7030, 0.1464,
-47.0975

■ 133.0520, 0.4674,
-103.5316

■ 172.0680, -0.0335,
-36.0166

■ 127.9970, 0.4945,
-112.2534

■ 178.5470, 0.2233,
-25.0357

■ 185.2110, -0.1040,
-13.3400

■ 191.6900, 0.1528,
-2.3591

■ 198.0550, -0.0271,
8.7218

■ 204.4200, -0.2071,
19.8027

■ 211.1980, -0.0976,
31.3984

Harmonies

Analogous

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



162.7490, -23.0473, -27.8439



152.5600, 0.2169, -69.7741



136.1080, 29.0338, -119.3667

Triad

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



152.5600, 0.2169, -69.7741



172.8410, 38.0394, -20.9086



173.3330, -28.2652, 59.3440

Complementary

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



152.5600, 0.2169, -69.7741



113.4400, -0.2169, 69.7741

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.



175.1440, -11.4100, 66.5257



152.5600, 0.2169, -69.7741



177.7990, 25.2421, 23.8553

Square

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



152.5600, 0.2169, -69.7741



156.0680, 46.8015, -78.1126



177.4040, 7.6888, 54.0197



170.9700, -37.9462, 37.7373

Rectangle

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



152.5600, 0.2169, -69.7741



138.3710, 40.2431, -121.3514



177.4040, 7.6888, 54.0197



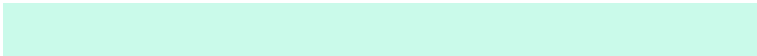
173.7340, -23.0399, 63.3773

Sweetspot

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



152.5600, 0.2169, -69.7741



233.8240, 0.0868, -27.9096



155.4000, -40.6232, -37.1848



115.1890, -0.0932, -16.8288



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.



152.5600, 0.2169, -69.7741



186.6060, 0.1942, -109.2795



145.3800, 23.4767, -63.4773



93.6680, 0.1637, -5.8478



106.7050, 0.1454, -93.5803



21.8790, 0.0597, -19.1879

Inverse Universe

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



113.4400, -0.2169, 69.7741



125.3940, -0.1942, 109.2795



120.6200, -23.4767, 63.4773



90.3320, -0.1637, 5.8478



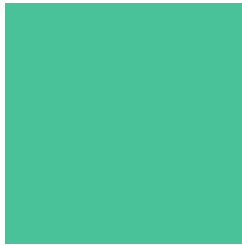
54.2950, -0.1454, 93.5803



11.1210, -0.0597, 19.1879

Previews

White Background



This preview shows how the YUV color 152.5600, 0.2169, -69.7741 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 152.5600, 0.2169, -69.7741 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

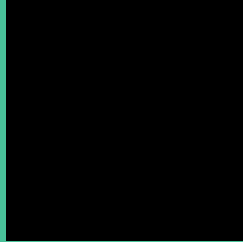
Any Text WCAG AA ✓ Pass

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 152.5600, 0.2169, -69.7741 Background



This preview shows how black text looks on a background with the YUV color 152.5600, 0.2169, -69.7741.



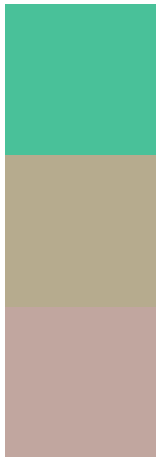
This preview shows how white text looks on a background with the YUV color 152.5600, 0.2169,

-69.7741.

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

152.5600, 0.2169, -69.7741

Protanopia

170.9830, -14.2886, 9.6619

Deuteranopia

173.2750, -7.0376, 17.2988



Tritanopia

159.4190, 20.9924, -60.0035

Trichromacy



Original Color

152.5600, 0.2169, -69.7741

Protanomaly

164.1750, -8.9603, -19.4475

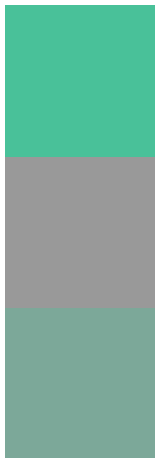
Deuteranomaly

165.7610, -4.3192, -14.6994

Tritanomaly

157.0350, 13.2937, -64.0517

Monochromacy



Original Color

152.5600, 0.2169, -69.7741

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.1340, -0.0661, -25.5505

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.5600, 0.2169, -69.7741 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(73, 193, 153)` looks like.

```
.text, #text, p{  
    color:rgb(73, 193, 153)  
}
```

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(73, 193, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 193, 153) }
```

Border

The CSS property to change the border of an element to YUV 152.5600, 0.2169, -69.7741 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(73, 193, 153) }
```


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

```
.border{ border-color:rgb(73, 193, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 193, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 193, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 193, 153);  
box-shadow:4px 4px 4px 4px rgb(73, 193,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 152.5600, 0.2169, -69.7741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 193, 153) }
```

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

```
.background{ background-color: rgb(73, 193,  
153) }
```

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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