

# Converting Colors

YUV(169.8620, 8.9420,  
-68.2850)

Have a look what the booklet for  
YUV(169.8620, 8.9420, -68.2850)  
contains.

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# Color

**YUV(169.8620, 8.9420,  
-68.2850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CCEBC
RGB	92, 206, 188
RGB Percent	36%, 81%, 74%
CMY	0.6392, 0.1922, 0.2627
CMYK	0.55, 0.00, 0.09, 0.19
HSL	171°, 54%, 58%
HSV	171°, 55%, 81%
XYZ	35.5620, 50.0488, 55.3630
YIQ	169.8620, -62.1660, -29.7660

# Conversions

## Conversions Part 2

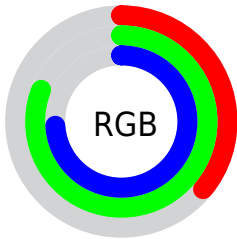
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 154, 206
Decimal	6082236
CIELab	76.10, -36.69, -0.84
CIELCh	76, 36.698, 181.310
Yxy	50.0488, 0.2523, 0.3550
Android (android.graphics.Color)	4284272316 (0xFF5CCEBC)
YUV	169.8620, 8.9420, -68.2850
Hunter-Lab	70.7452, -34.0760, 3.1230

# Details

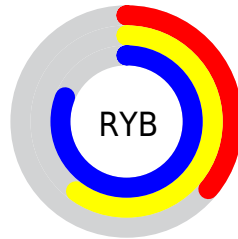
The YUV color **169.8620, 8.9420, -68.2850** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **128.1380, -8.9420, 68.2850**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6500, 10.5255, -62.8371**, and **108.8110, 12.9112, -81.3952** is the 20% darker color. If you saturate the color by 10%, you get **163.2410, 10.7272, -80.8954**, and if you desaturate by 10%, it is **176.4830, 7.1569, -55.6746**.

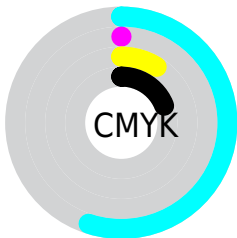
# Distribution



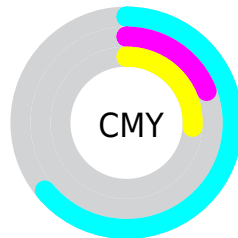
- Red (36%)
- Green (81%)
- Blue (74%)



- Red (36%)
- Yellow (60%)
- Blue (81%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)



- Cyan (64%)
- Magenta (19%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 169.8620, 8.9420, -68.2850 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 169.8620, 8.9420, -68.2850 by changing the saturation by 10% instead.



169.8620, 8.9420,  
-68.2850

169.8620, 8.9420,  
-68.2850

255.0000, 0.0000,  
0.0000

140.7800, 9.9685,  
-70.8441

222.6500, 10.5255,  
-62.8371

108.8110, 12.9112,  
-81.3952

232.5750, 11.0555,  
-46.1083

85.9150, 11.8739,  
-75.3475

241.5450, 6.6333,  
-27.6650

67.8030, 8.4781,  
-59.4632

250.5150, 2.2111,  
-9.2217

51.0930, 5.3772,  
-44.8086

34.4970, 2.7130,  
-30.2539

19.8900, 0.0542,

-17.4435

■ 0.0000, 0.0000,  
0.0000

■ 169.8620, 8.9420,  
-68.2850

■ 169.8620, 8.9420,  
-68.2850

■ 163.2410, 10.7272,  
-80.8954

■ 176.4830, 7.1569,  
-55.6746

■ 156.8050, 11.9281,  
-92.7910

■ 182.9190, 5.9559,  
-43.7790

■ 150.1840, 13.7133,  
-105.4014

■ 189.5400, 4.1708,  
-31.1686

■ 143.8620, 15.3510,  
-117.3970

■ 195.8620, 2.5330,  
-19.1730

■ 140.6440, 15.9515,  
-123.3448

■ 202.4830, 0.7479,  
-6.5626

■ 209.2180, -0.6005,  
5.9478

■ 215.5400, -2.2382,  
17.9434

■ 221.5630, -3.7286,  
29.3242

■ 221.9050, -2.4182,  
29.0243

# Harmonies

## Analogous

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



176.4840, -11.0846, -38.1355



169.8620, 8.9420, -68.2850



165.0780, 28.0625, -87.7684

# Triad

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



169.8620, 8.9420, -68.2850



190.5360, 27.3438, 3.0379



187.7070, -28.9426, 43.2300

# Complementary

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



169.8620, 8.9420, -68.2850



128.1380, -8.9420, 68.2850

# 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.



190.0580, -17.7766, 55.2001



169.8620, 8.9420, -68.2850



192.5910, 14.0056, 34.5617

# Square

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



169.8620, 8.9420, -68.2850



183.3570, 35.3200, -35.3931



191.7600, -2.3467, 52.8305



185.2390, -32.6558, 20.8384



# Rectangle

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



169.8620, 8.9420, -68.2850



168.6580, 35.1716, -81.2611



191.7600, -2.3467, 52.8305



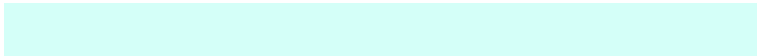
188.8370, -26.0486, 48.3780

# Sweetspot

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



169.8620, 8.9420, -68.2850



241.3450, 3.2809, -25.7356



164.5990, -35.7913, -47.0063



119.6560, 1.6486, -15.4843



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.



169.8620, 8.9420, -68.2850



201.6900, 12.9708, -100.5831



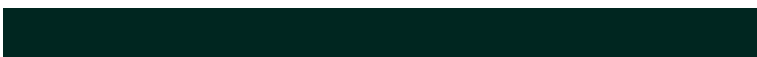
149.6080, 27.8013, -50.5222



98.7820, 0.6005, -5.9478



113.4020, 13.1128, -99.4536



25.9540, 2.9807, -22.7617



# Inverse Universe

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



128.1380, -8.9420, 68.2850



140.1960, -13.4076, 100.6831



148.3920, -27.8013, 50.5222



95.1040, -1.0373, 6.0478



52.5980, -13.1128, 99.4536

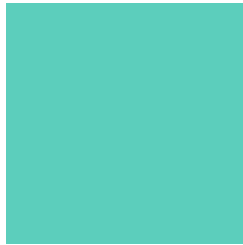


12.0460, -2.9807, 22.7617



# Previews

## White Background



This preview shows how the YUV color 169.8620, 8.9420, -68.2850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

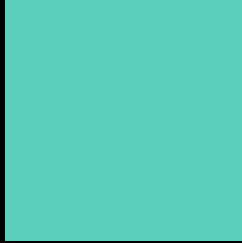
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 169.8620, 8.9420, -68.2850 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

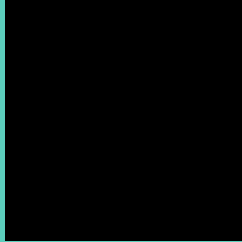
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

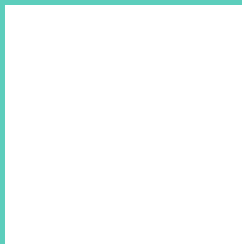
Any Text WCAG AAA ✓ Pass

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

# YUV 169.8620, 8.9420, -68.2850 Background



This preview shows how black text looks on a background with the YUV color 169.8620, 8.9420, -68.2850.



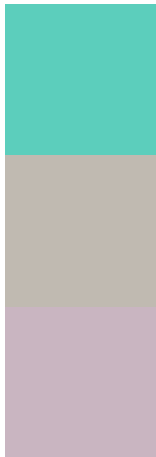
This preview shows how white text looks on a background with the YUV color 169.8620, 8.9420,

-68.2850.

# 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

169.8620, 8.9420, -68.2850

### Protanopia

186.7680, -4.8156, 4.5885

### Deuteranopia

188.3480, 2.2934, 11.0958



## Tritanopia

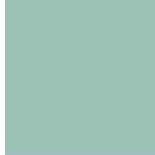
174.2230, 21.5821, -62.4626

# Trichromacy



## Original Color

169.8620, 8.9420, -68.2850



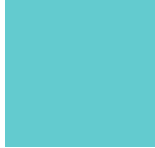
## Protanomaly

180.5690, 0.2125, -21.5470



## Deuteranomaly

181.4430, 4.7116, -17.9285



## Tritanomaly

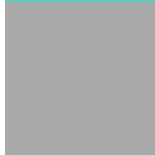
172.3600, 17.0775, -64.3367

# Monochromacy



## Original Color

169.8620, 8.9420, -68.2850



## Achromatopsia

170.0000, 0.0000, 0.0000



## Achromatomaly

170.0570, 3.4229, -24.6060

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 169.8620, 8.9420, -68.2850 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(92, 206, 188)` looks like.

```
.text, #text, p{  
    color:rgb(92, 206, 188)  
}
```

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(92, 206, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 206, 188) }
```

## Border

The CSS property to change the border of an element to YUV 169.8620, 8.9420, -68.2850 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(92, 206, 188) }
```



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

```
.border{ border-color:rgb(92, 206, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 206, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 206, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 206, 188);  
box-shadow:4px 4px 4px 4px rgb(92, 206,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 169.8620, 8.9420, -68.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 206, 188) }
```

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

```
.background{ background-color: rgb(92, 206,  
188) }
```

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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