

# Converting Colors

YUV(169.5250, 3.6852,  
-15.3694)

Have a look what the booklet for  
YUV(169.5250, 3.6852, -15.3694)  
contains.

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# Color

**YUV(169.5250, 3.6852,  
-15.3694)**

# Conversions

## Conversions Part 1

Format	Color
Hex	98B1B1
RGB	152, 177, 177
RGB Percent	60%, 69%, 69%
CMY	0.4039, 0.3059, 0.3059
CMYK	0.14, 0.00, 0.00, 0.31
HSL	180°, 14%, 65%
HSV	180°, 14%, 69%
XYZ	36.6068, 41.2940, 47.6361
YIQ	169.5250, -14.9000, -5.3000

# Conversions

## Conversions Part 2

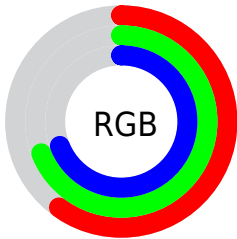
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 165, 177
Decimal	10006961
CIELab	70.38, -8.55, -2.90
CIELCh	70, 9.026, 198.713
Yxy	41.2940, 0.2916, 0.3289
Android (android.graphics.Color)	4288197041 (0xFF98B1B1)
YUV	169.5250, 3.6852, -15.3694
Hunter-Lab	64.2604, -10.7707, 1.0307

# Details

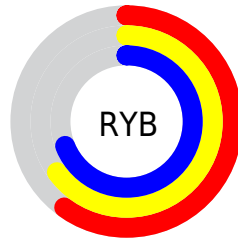
The YUV color  $169.5250, 3.6852, -15.3694$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $159.4750, -3.6852, 15.3694$ , and the grayscale version is  $170.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $225.2260, 3.8326, -15.9842$ , and  $117.1230, 3.3904, -14.1399$  is the 20% darker color. If you saturate the color by 10%, you get  $164.1430, 6.3385, -26.4354$ , and if you desaturate by 10%, it is  $174.9070, 1.0318, -4.3034$ .

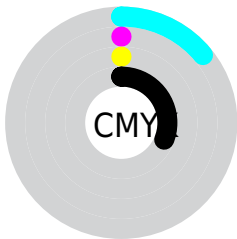
# Distribution



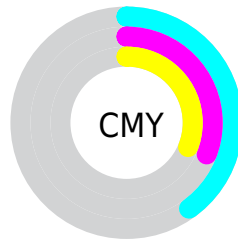
- Red (60%)
- Green (69%)
- Blue (69%)



- Red (60%)
- Yellow (65%)
- Blue (69%)



- Cyan (14%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (31%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 169.5250, 3.6852, -15.3694 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 169.5250, 3.6852, -15.3694 by changing the saturation by 10% instead.



■ 169.5250, 3.6852,  
-15.3694

■ 169.5250, 3.6852,  
-15.3694

255.0000, 0.0000,  
0.0000

■ 142.8240, 3.5378,  
-14.7546

■ 225.2260, 3.8326,  
-15.9842

■ 117.1230, 3.3904,  
-14.1399

■ 249.0200, 2.9481,  
-12.2955

■ 92.2370, 3.8272,  
-14.2398

■ 69.1230, 3.3904,  
-14.1399

■ 46.4220, 3.2430,  
-13.5251

■ 25.4220, 3.2430,  
-13.5251

■ 2.6730, 2.6262,

-2.3442

■ 0.0000, 0.0000,  
0.0000

■ 169.5250, 3.6852,  
-15.3694

■ 169.5250, 3.6852,  
-15.3694

■ 164.1430, 6.3385,  
-26.4354

■ 174.9070, 1.0318,  
-4.3034

■ 159.0600, 8.8444,  
-36.8866

■ 179.9900, -1.4741,  
6.1478

■ 153.6780, 11.4977,  
-47.9526

■ 185.3720, -4.1274,  
17.2138

■ 148.2960, 14.1511,  
-59.0186

■ 190.7540, -6.7807,  
28.2797

■ 143.2130, 16.6570,  
-69.4698

■ 196.1360, -9.4340,  
39.3457

■ 137.8310, 19.3103,  
-80.5358

■ 200.3220,  
-11.4977, 47.9526

■ 132.4490, 21.9636,  
-91.6018

■ 127.0670, 24.6170,  
-102.6678

■ 124.0770, 26.0910,  
-108.8155

# Harmonies

## Analogous

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



169.8090, -0.3988, -12.1105



169.5250, 3.6852, -15.3694



170.0350, 6.8847, -14.9397

# Triad

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



169.5250, 3.6852, -15.3694



173.2980, 4.7831, 5.8777



171.9920, -7.8841, 8.7770

# Complementary

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



169.5250, 3.6852, -15.3694



159.4750, -3.6852, 15.3694

# 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.



173.0680, -6.4425, 13.0954



169.5250, 3.6852, -15.3694



174.0060, 0.9830, 11.3957

# Square

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



169.5250, 3.6852, -15.3694



172.6390, 7.5730, -2.3144



173.8770, -3.3904, 14.1399



171.1760, -6.9888, 1.5996



# Rectangle

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



169.5250, 3.6852, -15.3694



170.9860, 7.8949, -12.2657



173.8770, -3.3904, 14.1399



173.0030, -7.8895, 10.5214

# Sweetspot

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



169.5250, 3.6852, -15.3694



227.0100, 1.4741, -6.1478



166.6750, -7.2348, -12.8700



113.2060, 0.8844, -3.6887



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



169.5250, 3.6852, -15.3694



218.0400, 5.8963, -24.5911



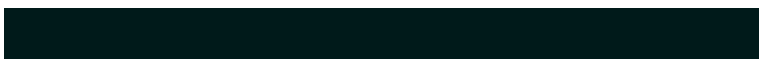
162.4810, 7.1579, -9.1918



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842



# Inverse Universe

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



162.3250, 7.2348, 12.8700



206.5200, 11.5756, 20.5920



167.1060, -7.4473, 8.6770



83.7170, 2.6045, 4.6332



63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848



# Previews

## White Background



This preview shows how the YUV color 169.5250, 3.6852, -15.3694 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

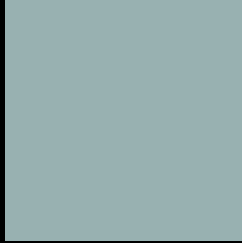
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 169.5250, 3.6852, -15.3694 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

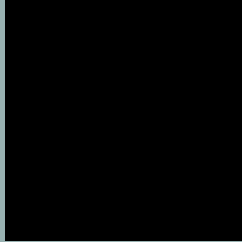
Any Text WCAG AA ✓ Pass

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 169.5250, 3.6852, -15.3694 Background



This preview shows how black text looks on a background with the YUV color 169.5250, 3.6852, -15.3694.



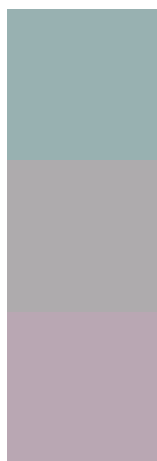
This preview shows how white text looks on a background with the YUV color 169.5250, 3.6852,

-15.3694.

# 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

169.5250, 3.6852, -15.3694

### Protanopia

172.1250, 0.4314, 1.6444

### Deuteranopia

173.7500, 2.5882, 9.8663



## Tritanopia

170.3170, 9.2107, -14.3100

# Trichromacy



## Original Color

169.5250, 3.6852, -15.3694

## Protanomaly

171.0210, 1.4686, -4.4034

## Deuteranomaly

172.3960, 2.7628, 0.5297

## Tritanomaly

170.1490, 7.3215, -15.0397

# Monochromacy



## Original Color

169.5250, 3.6852, -15.3694

## Achromatopsia

170.0000, 0.0000, 0.0000

## Achromatomaly

170.0100, 1.4741, -6.1478

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 169.5250, 3.6852, -15.3694 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(152, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(152, 177, 177)  
}
```

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(152, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 177, 177) }
```

## Border

The CSS property to change the border of an element to YUV 169.5250, 3.6852, -15.3694 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(152, 177, 177) }
```



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

```
.border{ border-color:rgb(152, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(152, 177,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 169.5250, 3.6852, -15.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 177, 177) }
```

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

```
.background{ background-color: rgb(152,  
177, 177) }
```

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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