

# Converting Colors

YUV(139.3140, 0.3382,  
-15.1844)

Have a look what the booklet for  
YUV(139.3140, 0.3382, -15.1844)  
contains.

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# Color

**YUV(139.3140, 0.3382,  
-15.1844)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7A948C
RGB	122, 148, 140
RGB Percent	48%, 58%, 55%
CMY	0.5216, 0.4196, 0.4510
CMYK	0.18, 0.00, 0.05, 0.42
HSL	162°, 11%, 53%
HSV	162°, 18%, 58%
XYZ	23.3496, 27.2108, 28.8325
YIQ	139.3140, -12.9280, -8.0000

# Conversions

## Conversions Part 2

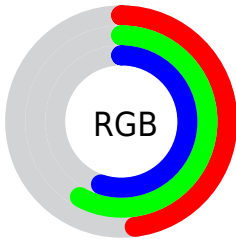
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	122, 137, 148
Decimal	8033420
CIE <sub>Lab</sub>	59.17, -10.86, 1.17
CIE <sub>LCh</sub>	59, 10.919, 173.846
Y <sub>xy</sub>	27.2108, 0.2941, 0.3427
Android (android.graphics.Color)	4286223500 (0xFF7A948C)
YUV	139.3140, 0.3382, -15.1844
Hunter-Lab	52.1640, -11.3871, 3.7436

# Details

The YUV color  $139.3140, 0.3382, -15.1844$  is a dark color, and the websafe version is hex  $669999$ . A complement of this color would be  $130.6860, -0.3382, 15.1844$ , and the grayscale version is  $139.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $192.9010, 0.0488, -15.6992$ , and  $89.0260, 0.4802, -14.0548$  is the 20% darker color. If you saturate the color by 10%, you get  $134.2590, 0.3653, -23.9061$ , and if you desaturate by 10%, it is  $144.3690, 0.3111, -6.4626$ .

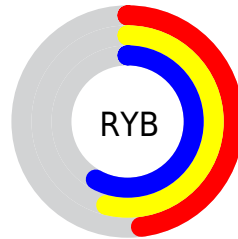
# Distribution



Red (48%)

Green (58%)

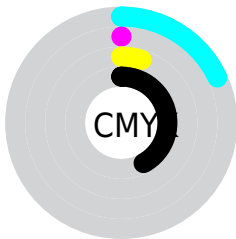
Blue (55%)



Red (48%)

Yellow (54%)

Blue (58%)

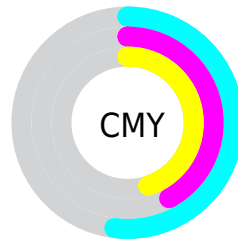


Cyan (18%)

Magenta (0%)

Yellow (5%)

Black (42%)



Cyan (52%)

Magenta (42%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.3140, 0.3382, -15.1844 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 139.3140, 0.3382, -15.1844 by changing the saturation by 10% instead.



■ 139.3140, 0.3382,  
-15.1844

■ 139.3140, 0.3382,  
-15.1844

■ 255.0000, 0.0000,  
0.0000

■ 113.7270, 0.6276,  
-14.6696

■ 192.9010, 0.0488,  
-15.6992

■ 89.0260, 0.4802,  
-14.0548

■ 220.6020, 0.1962,  
-16.3140

■ 65.4390, 0.7696,  
-13.5400

■ 246.9550, 1.5012,  
-14.8695

■ 43.4390, 0.7696,  
-13.5400

■ 22.1400, 0.9170,  
-14.1548

■ 0.0000, 0.0000,  
0.0000

■ 139.3140, 0.3382,  
-15.1844

■ 139.3140, 0.3382,  
-15.1844

■ 134.2590, 0.3653,  
-23.9061

■ 144.3690, 0.3111,  
-6.4626

■ 129.3180, 0.8292,  
-32.7279

■ 149.3100, -0.1528,  
2.3591

■ 124.5620, 0.7089,  
-40.8349

■ 154.0660, -0.0325,  
10.4661

■ 119.6210, 1.1728,  
-49.6566

■ 159.0070, -0.4965,  
19.2879

■ 114.5660, 1.2000,  
-58.3784

■ 164.0620, -0.5236,  
28.0096

■ 109.6250, 1.6639,  
-67.2001

■ 169.0030, -0.9875,  
36.8314

■ 104.5700, 1.6910,  
-75.9219

■ 174.0580, -1.0146,  
45.5531

■ 99.9280, 2.0075,

■ 178.7000, -1.3311,

-84.1289

53.7601

 98.5040, 1.7235,  
-86.3880

 183.7550, -1.3582,  
62.4819

# Harmonies

## Analogous

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



140.3920, -4.6303, -8.2368



139.3140, 0.3382, -15.1844



139.2580, 5.2958, -18.6433

# Triad

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



139.3140, 0.3382, -15.1844



143.4650, 8.1518, -1.2848



143.3240, -8.0477, 14.6249

# Complementary

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



139.3140, 0.3382, -15.1844



130.6860, -0.3382, 15.1844

# 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.



143.9590, -4.4168, 16.6990



139.3140, 0.3382, -15.1844



144.3090, 4.7777, 7.6220

# Square

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



139.3140, 0.3382, -15.1844



141.7520, 9.4893, -10.3065



144.5010, 0.2460, 14.4696



142.3510, -9.0470, 8.4622



# Rectangle

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



139.3140, 0.3382, -15.1844



139.5400, 7.6218, -18.0136



144.5010, 0.2460, 14.4696



143.6770, -6.7428, 16.0693

# Sweetspot

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



139.3140, 0.3382, -15.1844



187.9670, 0.0163, -5.2331



139.6540, -8.7034, -8.4666



94.9780, 0.0108, -3.4887



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



139.3140, 0.3382, -15.1844



177.6720, 0.6547, -23.3913



137.2910, 5.2795, -13.4102



71.6790, 0.1583, -4.1035



91.8360, 1.5599, -80.5402



6.6680, 0.1637, -5.8478



# Inverse Universe

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



130.6860, -0.3382, 15.1844



164.3280, -0.6547, 23.3913



132.7090, -5.2795, 13.4102



69.3210, -0.1583, 4.1035



46.0500, -1.9966, 80.6402



3.3320, -0.1637, 5.8478



# Previews

## White Background



This preview shows how the YUV color 139.3140, 0.3382, -15.1844 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 139.3140, 0.3382, -15.1844 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 × Fail

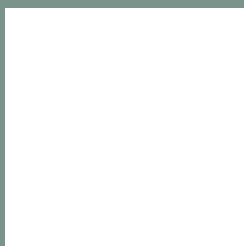
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 139.3140, 0.3382, -15.1844

## Background



This preview shows how black text looks on a background with the YUV color 139.3140, 0.3382, -15.1844.



This preview shows how white text looks on a background with the YUV color 139.3140, 0.3382, -15.1844.

-15.1844.

# 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

139.3140, 0.3382, -15.1844

### Protanopia

141.9250, -2.9210, 3.5738

### Deuteranopia

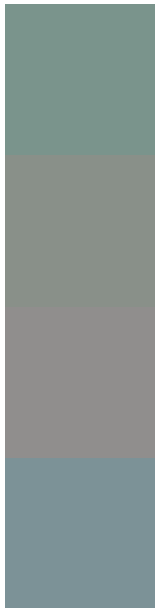
143.8380, -0.9061, 10.6661



## Tritanopia

140.3880, 8.1897, -13.4953

# Trichromacy



## Original Color

139.3140, 0.3382, -15.1844

## Protanomaly

141.1090, -2.0257, -3.6036

## Deuteranomaly

142.4840, -0.7316, 1.3295

## Tritanomaly

139.9920, 5.4269, -14.0250

# Monochromacy



## Original Color

139.3140, 0.3382, -15.1844

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

138.9670, 0.0163, -5.2331

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.3140, 0.3382, -15.1844 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(122, 148, 140)` looks like.

```
.text, #text, p{  
    color:rgb(122, 148, 140)  
}
```

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(122, 148, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 148, 140) }
```

## Border

The CSS property to change the border of an element to YUV 139.3140, 0.3382, -15.1844 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(122, 148, 140) }
```



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

```
.border{ border-color:rgb(122, 148, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 148, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 148, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 148, 140);  
box-shadow:4px 4px 4px 4px rgb(122, 148,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 139.3140, 0.3382, -15.1844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 148, 140) }
```

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

```
.background{ background-color: rgb(122,  
148, 140) }
```

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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