

# Converting Colors

YUV(139.2950, -4.5824,  
-70.4187)

Have a look what the booklet for  
YUV(139.2950, -4.5824, -70.4187)  
contains.

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# Color

**YUV(139.2950, -4.5824,  
-70.4187)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BB682
RGB	59, 182, 130
RGB Percent	23%, 71%, 51%
CMY	0.7686, 0.2863, 0.4902
CMYK	0.68, 0.00, 0.29, 0.29
HSL	155°, 51%, 47%
HSV	155°, 68%, 71%
XYZ	22.5608, 35.9974, 26.8782
YIQ	139.2950, -56.6160, -42.2480

# Conversions

## Conversions Part 2

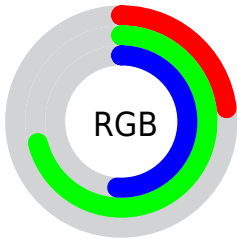
Format	Color
<a href="#">RYB</a>	<a href="#">59, 137, 182</a>
Decimal	<a href="#">3913346</a>
CIELab	<a href="#">66.52, -46.10, 16.81</a>
CIELCh	<a href="#">67, 49.068, 159.965</a>
Yxy	<a href="#">35.9974, 0.2641, 0.4213</a>
Android (android.graphics.Color)	<a href="#">4282103426 (0xFF3BB682)</a>
YUV	<a href="#">139.2950, -4.5824, -70.4187</a>
Hunter-Lab	<a href="#">59.9978, -37.8753, 15.4374</a>

# Details

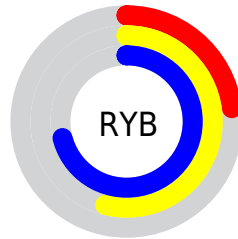
The YUV color **139.2950, -4.5824, -70.4187** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **101.7050, 4.5824, 70.4187**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0350, -6.9193, -67.5597**, and **84.2560, -2.0982, -73.8925** is the 20% darker color. If you saturate the color by 10%, you get **133.0010, -5.4235, -80.6849**, and if you desaturate by 10%, it is **145.5890, -3.7414, -60.1526**.

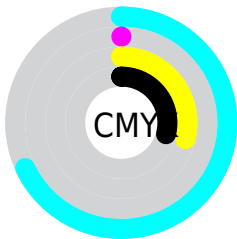
# Distribution



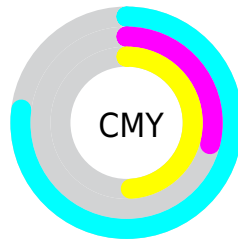
- Red (23%)
- Green (71%)
- Blue (51%)



- Red (23%)
- Yellow (54%)
- Blue (71%)



- Cyan (68%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (77%)
- Magenta (29%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.2950, -4.5824, -70.4187 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 139.2950, -4.5824, -70.4187 by changing the saturation by 10% instead.




 139.2950, -4.5824,  
-70.4187


 139.2950, -4.5824,  
-70.4187


255.0000, 0.0000,  
0.0000

 107.4400, -1.2029,  
-81.0699


 197.0350, -6.9193,  
-67.5597

 84.2560, -2.0982,  
-73.8925


 218.5890, -3.7414,  
-60.1526


 66.3720, -4.6204,  
-58.2082


 230.4520, 4.2142,  
-45.1234

 49.1890, -6.9952,  
-43.1388

 240.9470, 6.9281,  
-28.8945

 32.7070, -9.2226,  
-28.6840

 249.9170, 2.5059,  
-10.4512

 18.1970, -8.9711,  
-15.9588

 0.0000, 0.0000,

0.0000

■ 139.2950, -4.5824,  
-70.4187

■ 139.2950, -4.5824,  
-70.4187

■ 133.0010, -5.4235,  
-80.6849

■ 145.5890, -3.7414,  
-60.1526

■ 126.8210, -5.8278,  
-91.0510

■ 151.7690, -3.3371,  
-49.7864

■ 120.2280, -6.5214,  
-101.9320

■ 158.3620, -2.6435,  
-38.9055

■ 118.8040, -6.8054,  
-104.1911

■ 164.6560, -1.8024,  
-28.6393

■ 170.8360, -1.3981,  
-18.2732

■ 177.1300, -0.5571,  
-8.0070

■ 183.4240, 0.2840,  
2.2592

■ 190.0170, 0.9776,  
13.1401

■ 196.1970, 1.3819,  
23.5062

# Harmonies

## Analogous

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



150.8870, -29.0313, -21.8259



139.2950, -4.5824, -70.4187



128.0720, 23.6285, -112.3191

# Triad

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



139.2950, -4.5824, -70.4187



156.9790, 45.3664, -37.6926



161.4310, -26.8345, 67.1510

# Complementary

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



139.2950, -4.5824, -70.4187



101.7050, 4.5824, 70.4187

# 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.



163.0290, -6.9163, 71.8886



139.2950, -4.5824, -70.4187



165.7640, 31.6683, 15.9930

# Square

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



139.2950, -4.5824, -70.4187



130.5410, 55.9353, -114.4845



165.5980, 13.5092, 53.8496



159.7430, -40.2993, 45.8294



# Rectangle

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



139.2950, -4.5824, -70.4187



130.6770, 36.1482, -114.6037



165.5980, 13.5092, 53.8496



161.7610, -20.5882, 70.3696

# Sweetspot

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



139.2950, -4.5824, -70.4187



220.6670, -1.8078, -26.8950



147.0480, -43.4077, -30.7371



109.9610, -0.9668, -16.6288



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



139.2950, -4.5824, -70.4187



170.3580, -7.0785, -109.9390



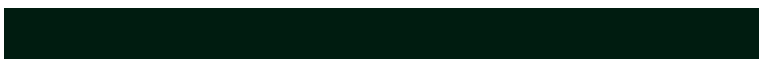
140.5270, 20.4462, -71.4992



88.8530, -0.4205, -5.1331



101.8320, -5.8332, -89.3067



18.2600, -1.1142, -16.0140



# Inverse Universe

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



101.7050, 4.5824, 70.4187



111.6420, 7.0785, 109.9390



100.4730, -20.4462, 71.4992



86.1470, 0.4205, 5.1331



54.1680, 5.8332, 89.3067



9.7400, 1.1142, 16.0140



# Previews

## White Background



This preview shows how the YUV color 139.2950, -4.5824, -70.4187 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 139.2950, -4.5824, -70.4187 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

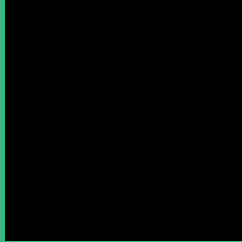
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 139.2950, -4.5824, -70.4187

## Background



This preview shows how black text looks on a background with the YUV color 139.2950, -4.5824, -70.4187.



This preview shows how white text looks on a background with the YUV color 139.2950, -4.5824, -70.4187.

-70.4187.

# 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

139.2950, -4.5824, -70.4187

### Protanopia

159.0280, -19.2408, 11.3764

### Deuteranopia

161.2170, -12.4320, 20.8577



## Tritanopia

148.2020, 20.1134, -58.0592

# Trichromacy



## Original Color

139.2950, -4.5824, -70.4187



## Protanomaly

151.9210, -13.7651, -18.3477



## Deuteranomaly

153.1050, -9.4188, -12.3701



## Tritanomaly

145.1770, 11.2517, -62.4222

# Monochromacy



## Original Color

139.2950, -4.5824, -70.4187



## Achromatopsia

139.0000, 0.0000, 0.0000



## Achromatomaly

139.3790, -1.6658, -25.7654

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.2950, -4.5824, -70.4187 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(59, 182, 130)` looks like.

```
.text, #text, p{  
    color:rgb(59, 182, 130)  
}
```

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(59, 182, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 182, 130) }
```

## Border

The CSS property to change the border of an element to YUV 139.2950, -4.5824, -70.4187 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(59, 182, 130) }
```



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

```
.border{ border-color:rgb(59, 182, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 182, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 182, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 182, 130);  
box-shadow:4px 4px 4px 4px rgb(59, 182,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 139.2950, -4.5824, -70.4187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 182, 130) }
```

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

```
.background{ background-color: rgb(59, 182,  
130) }
```

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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