

Converting Colors

YUV(139.5860, 4.1481,
-70.6739)

Have a look what the booklet for
YUV(139.5860, 4.1481, -70.6739)
contains.

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Color

**YUV(139.5860, 4.1481,
-70.6739)**

Conversions

Conversions Part 1

Format	Color
Hex	3BB394
RGB	59, 179, 148
RGB Percent	23%, 70%, 58%
CMY	0.7686, 0.2980, 0.4196
CMYK	0.67, 0.00, 0.17, 0.30
HSL	164°, 50%, 47%
HSV	164°, 67%, 70%
XYZ	23.2690, 35.3081, 33.6057
YIQ	139.5860, -61.5690, -35.0810

Conversions

Conversions Part 2

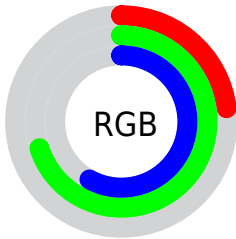
Format	Color
RYB	59, 128, 179
Decimal	3912596
CIELab	65.99, -40.61, 6.20
CIElCh	66, 41.078, 171.321
Yxy	35.3081, 0.2524, 0.3830
Android (android.graphics.Color)	4282102676 (0xFF3BB394)
YUV	139.5860, 4.1481, -70.6739
Hunter-Lab	59.4206, -34.0858, 8.0626

Details

The YUV color **139.5860, 4.1481, -70.6739** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **98.4140, -4.1481, 70.6739**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8530, 2.5375, -67.4001**, and **84.4330, 6.1955, -74.0477** is the 20% darker color. If you saturate the color by 10%, you get **133.6340, 4.6174, -81.2400**, and if you desaturate by 10%, it is **145.5380, 3.6788, -60.1078**.

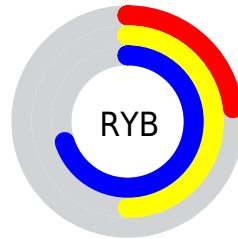
Distribution



Red (23%)

Green (70%)

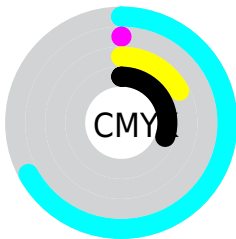
Blue (58%)



Red (23%)

Yellow (50%)

Blue (70%)

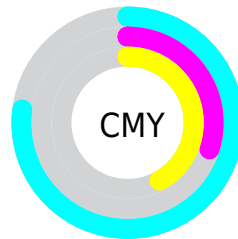


Cyan (67%)

Magenta (0%)

Yellow (17%)

Black (30%)



Cyan (77%)


Magenta (30%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 139.5860, 4.1481, -70.6739 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 139.5860, 4.1481, -70.6739 by changing the saturation by 10% instead.

 139.5860, 4.1481,
-70.6739


 139.5860, 4.1481,
-70.6739


255.0000, 0.0000,
0.0000


 107.6170, 7.0908,
-81.2251

 196.8530, 2.5375,
-67.4001

 84.4330, 6.1955,
-74.0477


 220.7550, 4.5578,
-62.0521


 67.1360, 3.3840,
-58.8783


 232.2760, 11.2029,
-46.7231

 49.8390, 0.5724,
-43.7088

 240.9470, 6.9281,
-28.8945

 33.3570, -1.6550,
-29.2541

 249.9170, 2.5059,
-10.4512

 17.7070, -5.7716,
-15.5290

 0.0000, 0.0000,

0.0000

■ 139.5860, 4.1481,
-70.6739

■ 139.5860, 4.1481,
-70.6739

■ 133.6340, 4.6174,
-81.2400

■ 145.5380, 3.6788,
-60.1078

■ 127.7960, 5.5236,
-91.9061

■ 151.3760, 2.7726,
-49.4418

■ 121.8440, 5.9929,
-102.4722

■ 157.3280, 2.3033,
-38.8757

■ 120.2350, 6.2931,
-105.4461

■ 163.1660, 1.3972,
-28.2096

■ 169.1180, 0.9278,
-17.6435

■ 174.7710, 0.6059,
-7.6922

■ 180.6090, -0.3002,
2.9739

■ 186.5610, -0.7696,
13.5400

■ 192.5130, -1.2389,
24.1061

Harmonies

Analogous

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



149.6930, -18.0896, -31.3028



139.5860, 4.1481, -70.6739



126.2770, 29.4434, -110.7449

Triad

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



139.5860, 4.1481, -70.6739



161.3430, 33.3549, -11.7018



160.1040, -27.6593, 51.6518

Complementary

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



139.5860, 4.1481, -70.6739



98.4140, -4.1481, 70.6739

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.



161.9430, -13.2829, 60.5630



139.5860, 4.1481, -70.6739



164.9690, 20.7213, 27.2142

Square

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



139.5860, 4.1481, -70.6739



148.5110, 41.6531, -60.0841



164.1820, 4.3473, 52.4604



158.6100, -35.3037, 30.1600

Rectangle

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



139.5860, 4.1481, -70.6739



127.6110, 39.6318, -111.9148



164.1820, 4.3473, 52.4604



161.1630, -23.7444, 55.9850

Sweetspot

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



139.5860, 4.1481, -70.6739



216.8780, 1.5391, -27.0800



139.0080, -39.4439, -42.1030



107.8300, 1.0698, -16.5139



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



139.5860, 4.1481, -70.6739



170.9140, 6.4514, -109.5496



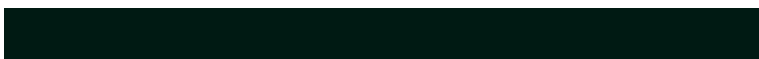
126.6840, 25.7918, -59.3589



86.0810, 0.4531, -5.3330



102.6930, 5.0814, -90.0618



17.4280, 0.7750, -15.2844

Inverse Universe

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



98.4140, -4.1481, 70.6739



107.0860, -6.4514, 109.5496



111.3160, -25.7918, 59.3589



83.0330, -0.0163, 5.2331



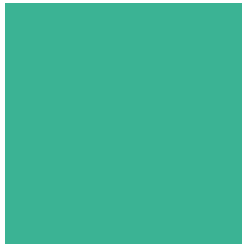
50.3070, -5.0814, 90.0618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 139.5860, 4.1481, -70.6739 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 139.5860, 4.1481, -70.6739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

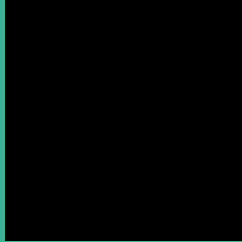
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 139.5860, 4.1481, -70.6739

Background



This preview shows how black text looks on a background with the YUV color 139.5860, 4.1481, -70.6739.



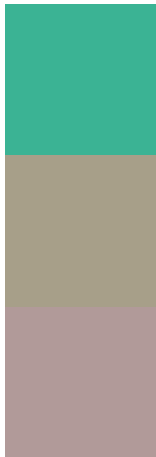
This preview shows how white text looks on a background with the YUV color 139.5860, 4.1481, -70.6739.

-70.6739.

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

139.5860, 4.1481, -70.6739

Protanopia

158.8840, -10.7888, 7.1177

Deuteranopia

160.7630, -3.8272, 14.2398



Tritanopia

146.2940, 20.5611, -61.6478

Trichromacy



Original Color

139.5860, 4.1481, -70.6739

Protanomaly

151.7880, -5.3185, -20.8621

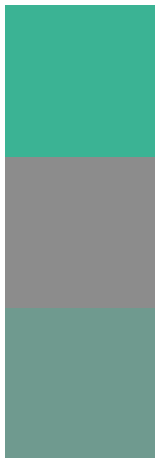
Deuteranomaly

152.9610, -0.9668, -16.6288

Tritanomaly

143.9640, 14.3147, -64.8664

Monochromacy



Original Color

139.5860, 4.1481, -70.6739

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.8890, 1.5337, -25.3357

CSS Examples

Text

The CSS property to change the color of the text to YUV 139.5860, 4.1481, -70.6739 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, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(59, 179, 148)  
}
```

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, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 179, 148) }
```

Border

The CSS property to change the border of an element to YUV 139.5860, 4.1481, -70.6739 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, 179, 148) }
```


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

```
.border{ border-color:rgb(59, 179, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 179, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 179, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 179, 148);  
box-shadow:4px 4px 4px 4px rgb(59, 179,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 139.5860, 4.1481, -70.6739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 179, 148) }
```

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

```
.background{ background-color: rgb(59, 179,  
148) }
```

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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