

Converting Colors

YUV(157.7180, -39.3010,
5.5093)

Have a look what the booklet for
YUV(157.7180, -39.3010, 5.5093)
contains.

YUV(157.7180, -39.3010, 5.5093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(157.7180, -39.3010,
5.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	A4AA4E
RGB	164, 170, 78
RGB Percent	64%, 67%, 31%
CMY	0.3569, 0.3333, 0.6941
CMYK	0.04, 0.00, 0.54, 0.33
HSL	64°, 37%, 49%
HSV	64°, 54%, 67%
XYZ	31.0597, 37.1920, 12.7495
YIQ	157.7180, 25.9560, -29.8840

Conversions

Conversions Part 2

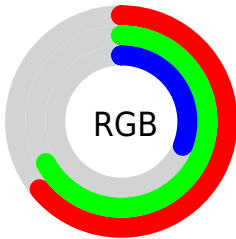
Format	Color
RYB	78, 170, 84
Decimal	10791502
CIELab	67.42, -15.18, 45.98
CIELCh	67, 48.424, 108.267
Yxy	37.1920, 0.3834, 0.4592
Android (android.graphics.Color)	4288981582 (0xFFA4AA4E)
YUV	157.7180, -39.3010, 5.5093
Hunter-Lab	60.9853, -15.8144, 30.2946

Details

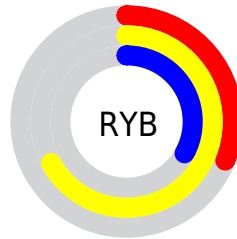
The YUV color **157.7180, -39.3010, 5.5093** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **90.2820, 39.3010, -5.5093**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9740, -40.9062, 7.0388**, and **105.1200, -39.0062, 4.2798** is the 20% darker color. If you saturate the color by 10%, you get **155.4810, -46.5791, 6.5942**, and if you desaturate by 10%, it is **159.9550, -32.0228, 4.4245**.

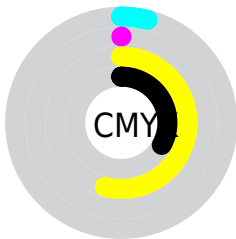
Distribution



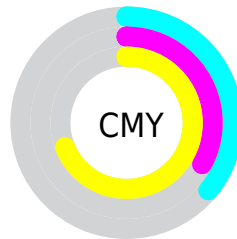
- Red (64%)
- Green (67%)
- Blue (31%)



- Red (31%)
- Yellow (67%)
- Blue (33%)



- Cyan (4%)
- Magenta (0%)
- Yellow (54%)
- Black (33%)



- Cyan (36%)
- Magenta (33%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7180, -39.3010, 5.5093 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 157.7180, -39.3010, 5.5093 by changing the saturation by 10% instead.

■ 157.7180,
-39.3010, 5.5093

■ 157.7180,
-39.3010, 5.5093

■ 255.0000, 0.0000,
0.0000

■ 131.5330,
-38.7168, 4.7946

■ 212.9740,
-40.9062, 7.0388

■ 105.1200,
-39.0062, 4.2798

■ 241.7460,
-41.7798, 7.2388

■ 79.7070, -39.2956,
3.7650

■ 246.9060,
-31.0127, 7.0984

■ 58.7310, -28.9544,
0.2359

■ 250.0980,
-18.7823, 4.2991

■ 38.3420, -18.9026,
-3.8079

■ 253.4040, -6.1152,
1.3997

■ 17.0340, -8.3978,
-13.1848

■ 0.0000, 0.0000,

0.0000

■ 157.7180,
-39.3010, 5.5093

■ 157.7180,
-39.3010, 5.5093

■ 155.4810,
-46.5791, 6.5942

■ 159.9550,
-32.0228, 4.4245

■ 153.2440,
-53.8573, 7.6790

■ 162.1920,
-24.7447, 3.3396

■ 151.0070,
-61.1355, 8.7639

■ 164.4290,
-17.4665, 2.2548

■ 148.7700,
-68.4136, 9.8487

■ 166.6660,
-10.1883, 1.1699

■ 147.3310,
-72.6342, 10.2337

■ 169.2020, -3.0576,
0.6998

■ 171.4390, 4.2206,
-0.3850

■ 173.6760, 11.4987,
-1.4699

■ 175.9130, 18.7769,
-2.5547

■ 178.1500, 26.0551,
-3.6395

Harmonies

Analogous

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



161.6450, -41.7300, 38.0223



157.7180, -39.3010, 5.5093



151.6020, -23.4678, -32.9770

Triad

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



157.7180, -39.3010, 5.5093



133.4130, 46.6314, -117.0032



168.0350, 7.3777, 60.4823

Complementary

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



157.7180, -39.3010, 5.5093



90.2820, 39.3010, -5.5093

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.



168.8750, 26.6836, 28.1736



157.7180, -39.3010, 5.5093



136.8030, 55.3131, -101.5592

Square

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



157.7180, -39.3010, 5.5093



130.8420, 29.1649, -114.7484



163.3510, 41.2390, -20.4788



165.4220, -13.0260, 71.5439

Rectangle

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



157.7180, -39.3010, 5.5093



143.4590, -6.6353, -65.3005



163.3510, 41.2390, -20.4788



168.7010, 13.9514, 52.0052

Sweetspot

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



157.7180, -39.3010, 5.5093



217.2980, -15.4299, 2.3697



108.4430, -15.0084, 53.9855



109.3070, -9.0254, 1.4848



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



157.7180, -39.3010, 5.5093



202.5940, -61.4248, 8.2491



144.2630, -32.6677, -22.1557



83.0880, -3.4944, 0.7998



128.1380, -63.1720, 8.6490



17.4210, -8.5886, 1.3848

Inverse Universe

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



90.2820, 39.3010, -5.5093



97.1070, 61.5722, -8.8638



103.7370, 32.6677, 22.1557



76.9120, 3.4944, -0.7998



19.8620, 63.1720, -8.6490



2.5790, 8.5886, -1.3848

Previews

White Background



This preview shows how the YUV color 157.7180, -39.3010, 5.5093 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 157.7180, -39.3010, 5.5093 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 157.7180, -39.3010, 5.5093

Background



This preview shows how black text looks on a background with the YUV color 157.7180, -39.3010, 5.5093.



This preview shows how white text looks on a background with the YUV color 157.7180, -39.3010,

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

157.7180, -39.3010, 5.5093

Protanopia

159.3500, -41.0915, 19.8641

Deuteranopia

161.3180, -39.1038, 35.6781



Tritanopia

165.5540, 3.1779, 7.4071

Trichromacy



Original Color

157.7180, -39.3010, 5.5093

Protanomaly

158.5450, -40.2017, 14.4310

Deuteranomaly

159.9530, -38.9238, 24.5972

Tritanomaly

162.8300, -12.2412, 6.2881

Monochromacy



Original Color

157.7180, -39.3010, 5.5093

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.6400, -14.1195, 2.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7180, -39.3010, 5.5093 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(164, 170, 78)` looks like.

```
.text, #text, p{  
    color:rgb(164, 170, 78)  
}
```

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(164, 170, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 170, 78) }
```

Border

The CSS property to change the border of an element to YUV 157.7180, -39.3010, 5.5093 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(164, 170, 78) }
```


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

```
.border{ border-color:rgb(164, 170, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 170, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 170, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 170, 78);  
box-shadow:4px 4px 4px 4px rgb(164, 170,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 157.7180, -39.3010, 5.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 170, 78) }
```

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

```
.background{ background-color: rgb(164,  
170, 78) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor