

Converting Colors

YUV(179.1730, -39.5253,
-15.9377)

Have a look what the booklet for
YUV(179.1730, -39.5253, -15.9377)
contains.

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Color

**YUV(179.1730, -39.5253,
-15.9377)**

Conversions

Conversions Part 1

Format	Color
Hex	A1CC63
RGB	161, 204, 99
RGB Percent	63%, 80%, 39%
CMY	0.3686, 0.2000, 0.6118
CMYK	0.21, 0.00, 0.51, 0.20
HSL	85°, 51%, 59%
HSV	85°, 51%, 80%
XYZ	38.5429, 51.6637, 19.7450
YIQ	179.1730, 8.0770, -41.7710

Conversions

Conversions Part 2

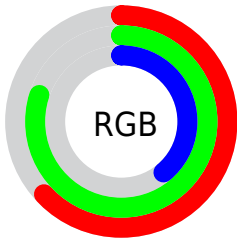
Format	Color
RYB	99, 204, 142
Decimal	10603619
CIELab	77.08, -31.12, 47.28
CIELCh	77, 56.598, 123.351
Yxy	51.6637, 0.3505, 0.4699
Android (android.graphics.Color)	4288793699 (0xFFA1CC63)
YUV	179.1730, -39.5253, -15.9377
Hunter-Lab	71.8774, -30.0682, 34.0270

Details

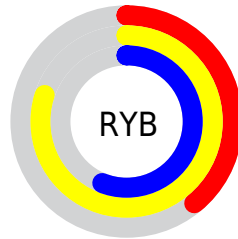
The YUV color **179.1730, -39.5253, -15.9377** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **123.8270, 39.5253, 15.9377**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1950, -39.5361, -12.4490**, and **125.4010, -38.6517, -16.1377** is the 20% darker color. If you saturate the color by 10%, you get **174.5010, -47.0820, -18.8564**, and if you desaturate by 10%, it is **183.8450, -31.9686, -13.0191**.

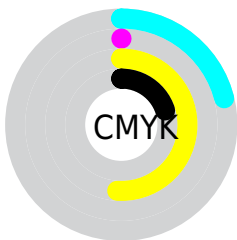
Distribution



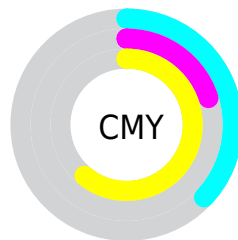
- Red (63%)
- Green (80%)
- Blue (39%)



- Red (39%)
- Yellow (80%)
- Blue (56%)



- Cyan (21%)
- Magenta (0%)
- Yellow (51%)
- Black (20%)



- Cyan (37%)
- Magenta (20%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.1730, -39.5253, -15.9377 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 179.1730, -39.5253, -15.9377 by changing the saturation by 10% instead.

■ 179.1730,
-39.5253, -15.9377

■ 179.1730,
-39.5253, -15.9377

255.0000, 0.0000,
0.0000

■ 151.7000,
-38.7991, -15.5229

■ 232.1950,
-39.5361, -12.4490

■ 125.4010,
-38.6517, -16.1377

■ 244.0580,
-31.5806, 2.5801

■ 98.8740, -39.3779,
-16.5525

■ 249.6420,
-20.5295, 4.6990

■ 73.6720, -36.3203,
-17.2523

■ 252.9480, -7.8624,
1.7996

■ 52.1090, -25.6897,
-20.2666

■ 29.9370, -14.7589,
-26.2547

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 179.1730,
-39.5253, -15.9377

■ 179.1730,
-39.5253, -15.9377

■ 174.5010,
-47.0820, -18.8564

■ 183.8450,
-31.9686, -13.0191

■ 169.4160,
-54.9281, -22.2898

■ 188.9300,
-24.1225, -9.5856

■ 164.7440,
-62.4848, -25.2085

■ 193.6020,
-16.5658, -6.6670

■ 159.9580,
-70.4783, -28.0272

■ 198.3880, -8.5723,
-3.8483

■ 155.6280,
-76.7246, -31.2458

■ 203.3590, -1.1630,
-0.3148

■ 208.0310, 6.3937,
2.6038

■ 212.8170, 14.3872,
5.4225

■ 216.9900, 18.7389,
9.6558

■ 219.3820, 17.5597,
14.5740

Harmonies

Analogous

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



184.4620, -51.0068, 26.7818



179.1730, -39.5253, -15.9377



167.7160, -13.1710, -69.0339

Triad

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



179.1730, -39.5253, -15.9377



151.1660, 51.1902, -132.5726



182.5640, 1.6939, 63.5264

Complementary

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



179.1730, -39.5253, -15.9377



123.8270, 39.5253, 15.9377

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.



194.3620, 21.5135, 53.1795



179.1730, -39.5253, -15.9377



174.6420, 39.6165, -60.1990

Square

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



179.1730, -39.5253, -15.9377



154.2490, 45.2332, -135.2764



191.6060, 31.2532, 9.1155



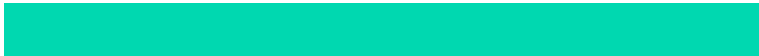
181.5600, -22.4611, 64.4069

Rectangle

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



179.1730, -39.5253, -15.9377



146.8560, 14.3680, -128.7927



191.6060, 31.2532, 9.1155



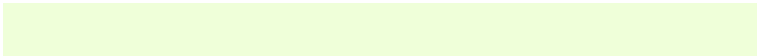
185.7900, 8.9775, 60.6972

Sweetspot

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



179.1730, -39.5253, -15.9377



245.8840, -14.2398, -6.0373



155.0490, -27.6322, 42.9300



122.3880, -8.5723, -3.8483



0.0000, 0.0000, 0.0000



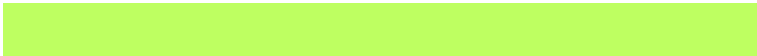
128.0000, 0.0000, 0.0000

Same Dimension

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



179.1730, -39.5253, -15.9377



217.5530, -59.4326, -24.1640



163.9240, -32.0075, -47.2913



99.6640, -3.7784, -1.4593



126.7440, -62.4848, -25.2085



29.1830, -14.3872, -5.4225

Inverse Universe

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



123.8270, 39.5253, 15.9377



134.4470, 59.4326, 24.1640



139.3750, 31.8601, 47.9061



94.3360, 3.7784, 1.4593



39.2560, 62.4848, 25.2085



9.1160, 14.2398, 6.0373

Previews

White Background



This preview shows how the YUV color 179.1730, -39.5253, -15.9377 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 179.1730, -39.5253, -15.9377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

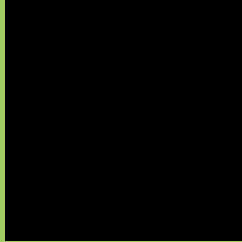
Any Text WCAG AA ✓ Pass

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 179.1730, -39.5253, -15.9377 Background



This preview shows how black text looks on a background with the YUV color 179.1730, -39.5253, -15.9377.



This preview shows how white text looks on a background with the YUV color 179.1730, -39.5253, -15.9377.

-15.9377.

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

179.1730, -39.5253, -15.9377

Protanopia

185.0360, -44.8807, 21.8934

Deuteranopia

187.5850, -40.7144, 38.9520



Tritanopia

188.6270, 9.0579, -11.9509

Trichromacy



Original Color

179.1730, -39.5253, -15.9377

Protanomaly

182.8170, -42.8008, 8.0535

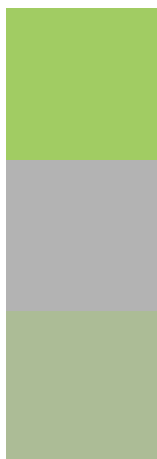
Deuteranomaly

184.2790, -40.0705, 19.0493

Tritanomaly

185.0340, -8.3978, -13.1848

Monochromacy



Original Color

179.1730, -39.5253, -15.9377

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

178.8840, -14.2398, -6.0373

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.1730, -39.5253, -15.9377 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(161, 204, 99)` looks like.

```
.text, #text, p{  
    color:rgb(161, 204, 99)  
}
```

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(161, 204, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 204, 99) }
```

Border

The CSS property to change the border of an element to YUV 179.1730, -39.5253, -15.9377 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(161, 204, 99) }
```


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

```
.border{ border-color:rgb(161, 204, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 204, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 204, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 204, 99);  
box-shadow:4px 4px 4px 4px rgb(161, 204,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 179.1730, -39.5253, -15.9377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 204, 99) }
```

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

```
.background{ background-color: rgb(161,  
204, 99) }
```

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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