

Converting Colors

YUV(174.3590, -11.5160,
-39.7798)

Have a look what the booklet for
YUV(174.3590, -11.5160, -39.7798)
contains.

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Color

**YUV(174.3590, -11.5160,
-39.7798)**

Conversions

Conversions Part 1

Format	Color
Hex	81CA97
RGB	129, 202, 151
RGB Percent	51%, 79%, 59%
CMY	0.4941, 0.2078, 0.4078
CMYK	0.36, 0.00, 0.25, 0.21
HSL	138°, 41%, 65%
HSV	138°, 36%, 79%
XYZ	35.7597, 49.1426, 36.8789
YIQ	174.3590, -27.1370, -31.3370

Conversions

Conversions Part 2

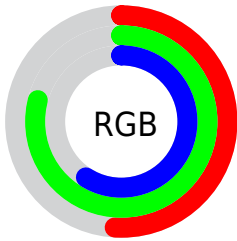
Format	Color
RYB	129, 185, 202
Decimal	8506007
CIELab	75.54, -33.61, 18.41
CIELCh	76, 38.326, 151.283
Yxy	49.1426, 0.2936, 0.4035
Android (android.graphics.Color)	4286696087 (0xFF81CA97)
YUV	174.3590, -11.5160, -39.7798
Hunter-Lab	70.1017, -31.6232, 17.8801

Details

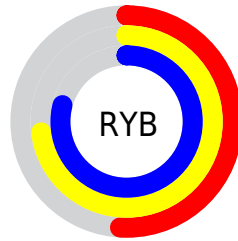
The YUV color **174.3590, -11.5160, -39.7798** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **156.6410, 11.5160, 39.7798**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.0710, -11.3740, -38.6503**, and **120.4130, -10.0636, -38.9502** is the 20% darker color. If you saturate the color by 10%, you get **166.7830, -14.6830, -50.6757**, and if you desaturate by 10%, it is **181.9350, -8.3490, -28.8840**.

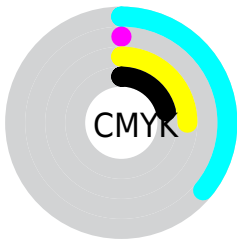
Distribution



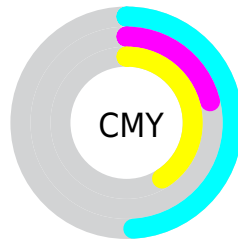
- Red (51%)
- Green (79%)
- Blue (59%)



- Red (51%)
- Yellow (73%)
- Blue (79%)



- Cyan (36%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3590, -11.5160, -39.7798 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 174.3590, -11.5160, -39.7798 by changing the saturation by 10% instead.

■ 174.3590,
-11.5160, -39.7798

■ 174.3590,
-11.5160, -39.7798

255.0000, 0.0000,
0.0000

■ 146.8860,
-10.7898, -39.3650

■ 228.0710,
-11.3740, -38.6503

■ 120.4130,
-10.0636, -38.9502

■ 239.7490, -2.8343,
-24.3359

■ 94.3420, -9.0426,
-39.7649

■ 250.8140, 2.0637,
-8.6069

■ 68.0750, -7.4320,
-43.0388

■ 45.7980, -7.2954,
-40.1648

■ 29.0880, -10.3964,
-25.5102

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 174.3590,
-11.5160, -39.7798

■ 174.3590,
-11.5160, -39.7798

■ 166.7830,
-14.6830, -50.6757

■ 181.9350, -8.3490,
-28.8840

■ 159.2070,
-17.8501, -61.5715

■ 189.5110, -5.1819,
-17.9881

■ 151.3320,
-20.8697, -73.0822

■ 197.3860, -2.1623,
-6.4775

■ 143.7560,
-24.0367, -83.9780

■ 204.9620, 1.0047,
4.4183

■ 136.0660,
-27.6405, -94.7739

■ 212.6520, 4.6086,
15.2142

■ 128.4900,
-30.8076, -105.6697

■ 220.2280, 7.7756,
26.1100

■ 125.5280,
-31.8123, -110.0881

■ 223.3190, 13.1537,
27.7842

■ 223.8890, 15.3377,
27.2843

Harmonies

Analogous

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



179.8440, -27.0381, -7.7562



174.3590, -11.5160, -39.7798



166.3560, 9.6845, -73.1032

Triad

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



174.3590, -11.5160, -39.7798



181.2750, 36.3464, -37.9522



188.2540, -18.3662, 57.6592

Complementary

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



174.3590, -11.5160, -39.7798



156.6410, 11.5160, 39.7798

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.



190.1840, -2.0627, 55.0896



174.3590, -11.5160, -39.7798



188.7640, 28.2173, 2.8380

Square

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



174.3590, -11.5160, -39.7798



168.8910, 38.5077, -77.9574



191.4170, 14.5844, 35.5913



186.0770, -30.1110, 44.6595

Rectangle

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



174.3590, -11.5160, -39.7798



161.1330, 24.5844, -92.2016



191.4170, 14.5844, 35.5913



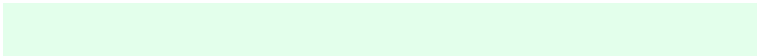
188.6330, -13.1301, 58.2039

Sweetspot

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



174.3590, -11.5160, -39.7798



244.3480, -4.6086, -15.2142



187.1000, -28.6433, -6.2267



121.5490, -2.7357, -9.2515



0.0000, 0.0000, 0.0000



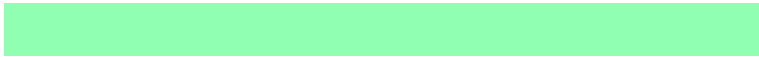
128.0000, 0.0000, 0.0000

Same Dimension

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



174.3590, -11.5160, -39.7798



213.3320, -17.4187, -59.9272



178.4630, 4.2087, -43.3791



98.2120, -1.5835, -5.4479



103.1420, -26.1990, -90.4555



23.6740, -5.7553, -20.7621

Inverse Universe

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



156.6410, 11.5160, 39.7798



186.6680, 17.4187, 59.9272



152.5370, -4.2087, 43.3791



95.7880, 1.5835, 5.4479



62.8580, 26.1990, 90.4555



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 174.3590, -11.5160, -39.7798 looks on a white background.

Color Contrast Check

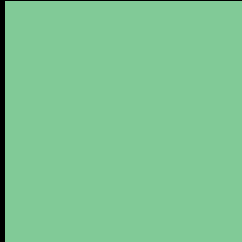
Large Text (above 18pt) WCAG AA × Fail

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 174.3590, -11.5160, -39.7798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

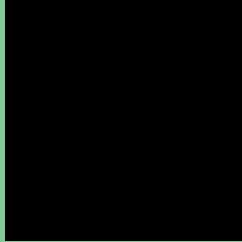
Any Text WCAG AA ✓ Pass

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 174.3590, -11.5160, -39.7798 Background



This preview shows how black text looks on a background with the YUV color 174.3590, -11.5160, -39.7798.



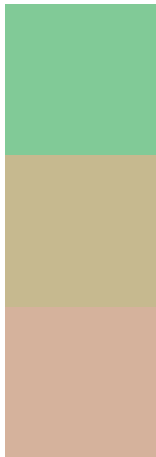
This preview shows how white text looks on a background with the YUV color 174.3590, -11.5160, -39.7798.

-39.7798.

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

174.3590, -11.5160, -39.7798

Protanopia

184.0990, -20.2618, 12.1912

Deuteranopia

185.9570, -14.7688, 23.7167



Tritanopia

179.9770, 14.8013, -34.1828

Trichromacy



Original Color

174.3590, -11.5160, -39.7798

Protanomaly

180.4880, -17.0026, -6.5670

Deuteranomaly

181.7430, -13.6773, 0.2254

Tritanomaly

178.1480, 5.3500, -36.0868

Monochromacy



Original Color

174.3590, -11.5160, -39.7798

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1740, -4.0298, -14.1846

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3590, -11.5160, -39.7798 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(129, 202, 151)` looks like.

```
.text, #text, p{  
    color:rgb(129, 202, 151)  
}
```

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(129, 202, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 202, 151) }
```

Border

The CSS property to change the border of an element to YUV 174.3590, -11.5160, -39.7798 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(129, 202, 151) }
```


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

```
.border{ border-color:rgb(129, 202, 151) }
```

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

Here you see how a box with a 4 pixel rgb(129, 202, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 202, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 202, 151);  
box-shadow:4px 4px 4px 4px rgb(129, 202,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 174.3590, -11.5160, -39.7798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 202, 151) }
```

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

```
.background{ background-color: rgb(129,  
202, 151) }
```

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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