

Converting Colors

YUV(159.0510, -14.3221,
-26.3547)

Have a look what the booklet for
YUV(159.0510, -14.3221, -26.3547)
contains.

YUV(159.0510, -14.3221, -26.3547)	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(159.0510, -14.3221,
-26.3547)**

Conversions

Conversions Part 1

Format	Color
Hex	81B482
RGB	129, 180, 130
RGB Percent	51%, 71%, 51%
CMY	0.4941, 0.2941, 0.4902
CMYK	0.28, 0.00, 0.28, 0.29
HSL	121°, 25%, 61%
HSV	121°, 28%, 71%
XYZ	29.4038, 38.9213, 27.0819
YIQ	159.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

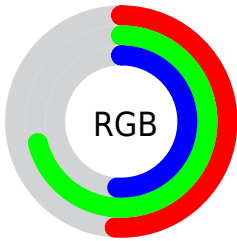
Format	Color
RYB	129, 179, 180
Decimal	8500354
CIELab	68.69, -26.90, 20.25
CIElCh	69, 33.668, 143.031
Yxy	38.9213, 0.3082, 0.4080
Android (android.graphics.Color)	4286690434 (0xFF81B482)
YUV	159.0510, -14.3221, -26.3547
Hunter-Lab	62.3870, -25.0479, 17.9333

Details

The YUV color **159.0510, -14.3221, -26.3547** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **149.9490, 14.3221, 26.3547**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1110, -15.3377, -27.2843**, and **106.9910, -13.3066, -25.4251** is the 20% darker color. If you saturate the color by 10%, you get **151.6170, -19.5312, -35.6211**, and if you desaturate by 10%, it is **166.4850, -9.1131, -17.0883**.

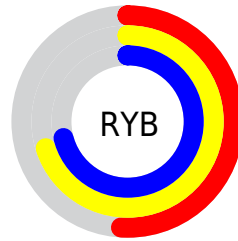
Distribution



Red (51%)

Green (71%)

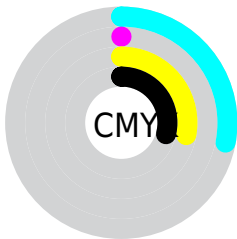
Blue (51%)



Red (51%)

Yellow (70%)

Blue (71%)

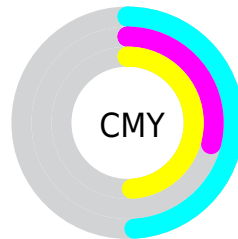


Cyan (28%)

Magenta (0%)

Yellow (28%)

Black (29%)



Cyan (49%)

Magenta (29%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.0510, -14.3221, -26.3547 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 159.0510, -14.3221, -26.3547 by changing the saturation by 10% instead.

■ 159.0510,
-14.3221, -26.3547

■ 159.0510,
-14.3221, -26.3547

■ 255.0000, 0.0000,
0.0000

■ 132.5780,
-13.5960, -25.9399

■ 214.1110,
-15.3377, -27.2843

■ 106.9910,
-13.3066, -25.4251

■ 236.8280,
-12.7332, -22.6512

■ 82.2190, -12.4330,
-25.6251

■ 248.6910, -4.7777,
-7.6220

■ 57.5610, -11.1226,
-25.9250

■ 33.4790, -10.0961,
-28.4841

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,

0.0000

■ 159.0510,
-14.3221, -26.3547

■ 159.0510,
-14.3221, -26.3547

■ 151.6170,
-19.5312, -35.6211

■ 166.4850, -9.1131,
-17.0883

■ 144.2970,
-24.3034, -44.9875

■ 173.8050, -4.3409,
-7.7220

■ 136.8630,
-29.5125, -54.2539

■ 181.2390, 0.8682,
1.5444

■ 129.4290,
-34.7215, -63.5202

■ 188.6730, 6.0772,
10.8108

■ 122.1090,
-39.4937, -72.8866

■ 195.9930, 10.8495,
20.1771

■ 114.6750,
-44.7028, -82.1530

■ 203.4270, 16.0585,
29.4435

■ 107.2410,
-49.9118, -91.4194

■ 210.8610, 21.2675,
38.7099

■ 106.1160,
-50.3432, -93.0637

■ 210.9750, 21.7043,
38.6099

Harmonies

Analogous

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



163.2410, -25.7548, 0.6656



159.0510, -14.3221, -26.3547



153.6420, 2.6415, -54.0600

Triad

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



159.0510, -14.3221, -26.3547



161.5150, 32.2841, -41.6707



170.4040, -12.5242, 50.5117

Complementary

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



159.0510, -14.3221, -26.3547



149.9490, 14.3221, 26.3547

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.



171.5570, 2.1904, 44.2385



159.0510, -14.3221, -26.3547



168.6550, 26.7921, -6.7134

Square

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



159.0510, -14.3221, -26.3547



151.1000, 31.5027, -71.1247



172.0950, 16.2222, 23.5957



168.3740, -23.8484, 42.6450

Rectangle

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



159.0510, -14.3221, -26.3547



149.1590, 15.2046, -70.2994



172.0950, 16.2222, 23.5957



170.9570, -7.8668, 50.0267

Sweetspot

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



159.0510, -14.3221, -26.3547



226.0280, -5.9298, -11.4256



173.8870, -22.1293, 4.4841



111.7450, -3.3253, -6.7924



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.



159.0510, -14.3221, -26.3547



202.0740, -22.7145, -41.2839



161.9010, -3.4022, -28.8542



85.3970, -2.1677, -4.7332



90.1530, -42.9664, -79.0642



15.2620, -7.5242, -13.3848

Inverse Universe

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



149.9490, 14.3221, 26.3547



187.8120, 22.2777, 41.3839



147.0990, 3.4022, 28.8542



83.7170, 2.6045, 4.6332



62.8470, 42.9664, 79.0642



10.6240, 7.0874, 13.4848

Previews

White Background



This preview shows how the YUV color 159.0510, -14.3221, -26.3547 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 159.0510, -14.3221, -26.3547 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 159.0510, -14.3221, -26.3547 Background



This preview shows how black text looks on a background with the YUV color 159.0510, -14.3221, -26.3547.



This preview shows how white text looks on a background with the YUV color 159.0510, -14.3221, -26.3547.

-26.3547.

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

159.0510, -14.3221, -26.3547

Protanopia

165.6860, -20.5512, 11.6764

Deuteranopia

167.2020, -16.3686, 23.5018



Tritanopia

164.3160, 10.6902, -22.2021

Trichromacy



Original Color

159.0510, -14.3221, -26.3547

Protanomaly

163.4670, -18.4712, -2.1636

Deuteranomaly

164.0210, -15.2934, 5.2436

Tritanomaly

162.6010, 1.6757, -24.2061

Monochromacy



Original Color

159.0510, -14.3221, -26.3547

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1530, -5.4984, -9.7812

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.0510, -14.3221, -26.3547 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, 180, 130)` looks like.

```
.text, #text, p{  
    color:rgb(129, 180, 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(129, 180, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 180, 130) }
```

Border

The CSS property to change the border of an element to YUV 159.0510, -14.3221, -26.3547 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, 180, 130) }
```


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

```
.border{ border-color:rgb(129, 180, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 180, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 180, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 180, 130);  
box-shadow:4px 4px 4px 4px rgb(129, 180,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 159.0510, -14.3221, -26.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 180, 130) }
```

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

```
.background{ background-color: rgb(129,  
180, 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](#).

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