

Converting Colors

YUV(159.2950, -10.9914,
-21.3067)

Have a look what the booklet for
YUV(159.2950, -10.9914, -21.3067)
contains.

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Color

**YUV(159.2950, -10.9914,
-21.3067)**

Conversions

Conversions Part 1

Format	Color
Hex	87B089
RGB	135, 176, 137
RGB Percent	53%, 69%, 54%
CMY	0.4706, 0.3098, 0.4627
CMYK	0.23, 0.00, 0.22, 0.31
HSL	123°, 21%, 61%
HSV	123°, 23%, 69%
XYZ	30.0324, 38.0077, 29.4203
YIQ	159.2950, -11.9170, -20.8210

Conversions

Conversions Part 2

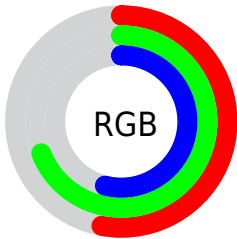
Format	Color
RYB	135, 174, 176
Decimal	8892553
CIELab	68.03, -21.63, 15.57
CIElCh	68, 26.652, 144.241
Yxy	38.0077, 0.3081, 0.3900
Android (android.graphics.Color)	4287082633 (0xFF87B089)
YUV	159.2950, -10.9914, -21.3067
Hunter-Lab	61.6504, -20.9337, 14.8614

Details

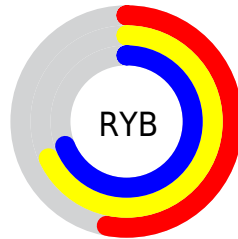
The YUV color **159.2950, -10.9914, -21.3067** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **151.7050, 10.9914, 21.3067**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3550, -12.0070, -22.2363**, and **107.2350, -9.9759, -20.3771** is the 20% darker color. If you saturate the color by 10%, you get **151.9750, -15.7637, -30.6731**, and if you desaturate by 10%, it is **166.6150, -6.2192, -11.9404**.

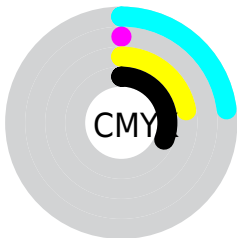
Distribution



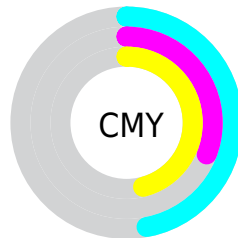
- Red (53%)
- Green (69%)
- Blue (54%)



- Red (53%)
- Yellow (68%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)



- Cyan (47%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2950, -10.9914, -21.3067 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 159.2950, -10.9914, -21.3067 by changing the saturation by 10% instead.

■ 159.2950,
-10.9914, -21.3067

■ 159.2950,
-10.9914, -21.3067

■ 255.0000, 0.0000,
0.0000

■ 132.8220,
-10.2652, -20.8919

■ 214.3550,
-12.0070, -22.2363

■ 107.2350, -9.9759,
-20.3771

■ 239.4200,
-10.5601, -19.6623

■ 82.7620, -9.2497,
-19.9623

■ 251.3970, -2.1677,
-4.7332

■ 59.1750, -8.9603,
-19.4475

■ 36.1040, -7.9393,
-20.2622

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,

0.0000

■ 159.2950,
-10.9914, -21.3067

■ 159.2950,
-10.9914, -21.3067

■ 151.9750,
-15.7637, -30.6731

■ 166.6150, -6.2192,
-11.9404

■ 145.0680,
-20.2465, -39.5246

■ 173.5220, -1.7363,
-3.0888

■ 137.7480,
-25.0188, -48.8910

■ 180.8420, 3.0359,
6.2776

■ 130.7270,
-29.9384, -57.6426

■ 187.8630, 7.9555,
15.0291

■ 123.4070,
-34.7107, -67.0089

■ 195.1830, 12.7278,
24.3955

■ 116.2010,
-39.0461, -76.4753

■ 202.3890, 17.0632,
33.8618

■ 109.1800,
-43.9657, -85.2269

■ 208.5130, 22.4251,
40.7691

■ 104.3380,
-47.0016, -91.5044

■ 208.6270, 22.8619,
40.6691

Harmonies

Analogous

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



162.4350, -19.9345, 0.4955



159.2950, -10.9914, -21.3067



155.9040, 2.0193, -41.1348

Triad

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



159.2950, -10.9914, -21.3067



162.0560, 25.1154, -28.9901



168.2070, -10.4551, 40.1605

Complementary

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



159.2950, -10.9914, -21.3067



151.7050, 10.9914, 21.3067

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.



169.7470, 0.6177, 35.3019



159.2950, -10.9914, -21.3067



167.0700, 20.6715, -3.5694

Square

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



159.2950, -10.9914, -21.3067



156.4680, 23.4333, -49.5224



169.3350, 12.1598, 19.8772



167.1710, -19.3113, 34.0530

Rectangle

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



159.2950, -10.9914, -21.3067



153.9550, 11.3612, -50.8265



169.3350, 12.1598, 19.8772



168.5320, -6.6713, 39.8754

Sweetspot

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



159.2950, -10.9914, -21.3067



223.0930, -4.4828, -8.8516



171.0270, -17.7613, 3.4843



111.2830, -2.6045, -4.6332



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



159.2950, -10.9914, -21.3067



203.4970, -17.5000, -33.7619



161.5750, -2.2555, -23.3063



85.3970, -2.1677, -4.7332



90.6090, -41.2192, -79.4641



15.3760, -7.0874, -13.4848

Inverse Universe

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



151.7050, 10.9914, 21.3067



191.3890, 17.0632, 33.8618



149.4250, 2.2555, 23.3063



83.7170, 2.6045, 4.6332



62.3910, 41.2192, 79.4641



10.5100, 6.6506, 13.5847

Previews

White Background



This preview shows how the YUV color 159.2950, -10.9914, -21.3067 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 159.2950, -10.9914, -21.3067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

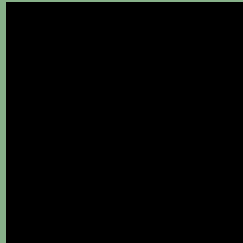
Any Text WCAG AA ✓ Pass

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 159.2950, -10.9914, -21.3067 Background



This preview shows how black text looks on a background with the YUV color 159.2950, -10.9914, -21.3067.



This preview shows how white text looks on a background with the YUV color 159.2950, -10.9914, -21.3067.

-21.3067.

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

159.2950, -10.9914, -21.3067

Protanopia

164.5270, -16.0358, 10.0618

Deuteranopia

166.2170, -12.4320, 20.8577



Tritanopia

163.4090, 9.6584, -17.8987

Trichromacy



Original Color

159.2950, -10.9914, -21.3067

Protanomaly

162.6180, -14.1087, -1.4190

Deuteranomaly

163.6450, -11.6570, 5.5733

Tritanomaly

161.7480, 2.0962, -19.0730

Monochromacy



Original Color

159.2950, -10.9914, -21.3067

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9190, -3.9041, -7.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2950, -10.9914, -21.3067 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(135, 176, 137)` looks like.

```
.text, #text, p{  
    color:rgb(135, 176, 137)  
}
```

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(135, 176, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 176, 137) }
```

Border

The CSS property to change the border of an element to YUV 159.2950, -10.9914, -21.3067 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(135, 176, 137) }
```


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

```
.border{ border-color:rgb(135, 176, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 176, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 176, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 176, 137);  
box-shadow:4px 4px 4px 4px rgb(135, 176,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 159.2950, -10.9914, -21.3067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 176, 137) }
```

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

```
.background{ background-color: rgb(135,  
176, 137) }
```

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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