

Converting Colors

YUV(171.9310, -8.8400,
-11.3405)

Have a look what the booklet for
YUV(171.9310, -8.8400, -11.3405)
contains.

YUV(171.9310, -8.8400, -11.3405)	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(171.9310, -8.8400,
-11.3405)**

Conversions

Conversions Part 1

Format	Color
Hex	9FB69A
RGB	159, 182, 154
RGB Percent	62%, 71%, 60%
CMY	0.3765, 0.2863, 0.3961
CMYK	0.13, 0.00, 0.15, 0.29
HSL	109°, 16%, 66%
HSV	109°, 15%, 71%
XYZ	36.8588, 43.1599, 36.9599
YIQ	171.9310, -4.7200, -13.5840

Conversions

Conversions Part 2

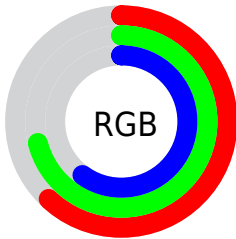
Format	Color
RYB	154, 182, 177
Decimal	10466970
CIELab	71.66, -13.24, 11.63
CIELCh	72, 17.623, 138.711
Yxy	43.1599, 0.3151, 0.3690
Android (android.graphics.Color)	4288657050 (0xFF9FB69A)
YUV	171.9310, -8.8400, -11.3405
Hunter-Lab	65.6962, -14.8212, 12.6315

Details

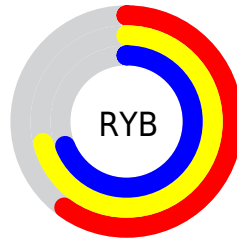
The YUV color **171.9310, -8.8400, -11.3405** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **164.0690, 8.8400, 11.3405**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4040, -9.5662, -11.7553**, and **119.4580, -8.1138, -10.9257** is the 20% darker color. If you saturate the color by 10%, you get **165.3940, -14.4912, -18.7625**, and if you desaturate by 10%, it is **178.4680, -3.1887, -3.9184**.

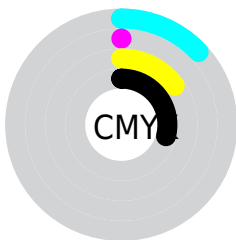
Distribution



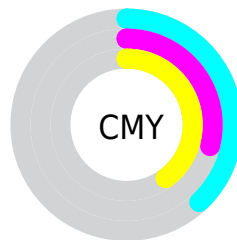
- Red (62%)
- Green (71%)
- Blue (60%)



- Red (60%)
- Yellow (71%)
- Blue (69%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (29%)



- Cyan (38%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9310, -8.8400, -11.3405 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 171.9310, -8.8400, -11.3405 by changing the saturation by 10% instead.

■ 171.9310, -8.8400,
-11.3405

■ 171.9310, -8.8400,
-11.3405

255.0000, 0.0000,
0.0000

■ 145.3440, -8.5506,
-10.8257

■ 227.4040, -9.5662,
-11.7553

■ 119.4580, -8.1138,
-10.9257

■ 249.0610, -5.9461,
-6.1925

■ 94.8710, -7.8244,
-10.4109

■ 71.2840, -7.5350,
-9.8961

■ 48.3980, -7.0982,
-9.9960

■ 27.1100, -6.9562,
-8.8665

■ 6.4570, -3.1833,

-5.6628

■ 0.0000, 0.0000,
0.0000

■ 171.9310, -8.8400,
-11.3405

■ 171.9310, -8.8400,
-11.3405

■ 165.3940,
-14.4912, -18.7625

■ 178.4680, -3.1887,
-3.9184

■ 158.8570,
-20.1425, -26.1846

■ 185.0050, 2.4625,
3.5036

■ 152.2060,
-26.2306, -33.5067

■ 191.6560, 8.5506,
10.8257

■ 145.6690,
-31.8818, -40.9287

■ 198.1930, 14.2019,
18.2477

■ 139.1320,
-37.5331, -48.3508

■ 204.7300, 19.8531,
25.6698

■ 132.5950,
-43.1843, -55.7728

■ 210.3550, 22.0100,
33.8917

■ 126.0580,
-48.8356, -63.1949

■ 212.1490, 21.1255,
37.5803

■ 119.4070,
-54.9237, -70.5169

■ 116.7010,
-57.5336, -73.4058

Harmonies

Analogous

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



173.9390, -14.2669, 2.6845



171.9310, -8.8400, -11.3405



170.6180, -0.7977, -24.2210

Triad

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



171.9310, -8.8400, -11.3405



173.5210, 16.5051, -20.6279



178.2700, -6.0491, 26.9502

Complementary

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



171.9310, -8.8400, -11.3405



164.0690, 8.8400, 11.3405

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.



178.5990, 1.6767, 22.2767



171.9310, -8.8400, -11.3405



176.7510, 14.4198, -5.0436

Square

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



171.9310, -8.8400, -11.3405



170.7710, 13.9169, -30.4942



178.1830, 9.2768, 11.2405



177.5380, -12.5902, 24.9612

Rectangle

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



171.9310, -8.8400, -11.3405



169.4800, 5.1864, -30.2390



178.1830, 9.2768, 11.2405



178.2530, -3.5757, 26.9651

Sweetspot

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



171.9310, -8.8400, -11.3405



232.6420, -3.7675, -4.9480



175.8730, -10.7834, 5.3734



117.4080, -2.1731, -2.9888



247.0000, 0.0000, 0.0000



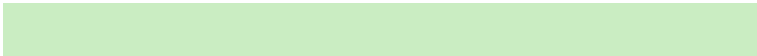
120.0000, 0.0000, 0.0000

Same Dimension

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



171.9310, -8.8400, -11.3405



221.6330, -13.6231, -17.2181



171.4620, -4.1718, -15.3142



88.5820, -2.7519, -4.0184



99.9440, -49.2724, -63.0949



17.9310, -8.8400, -11.3405

Inverse Universe

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



164.0690, 8.8400, 11.3405



209.6660, 13.4757, 17.8329



164.5380, 4.1718, 15.3142



86.1190, 2.8993, 3.4036



56.0560, 49.2724, 63.0949



10.0690, 8.8400, 11.3405

Previews

White Background



This preview shows how the YUV color 171.9310, -8.8400, -11.3405 looks on a white background.

Color Contrast Check

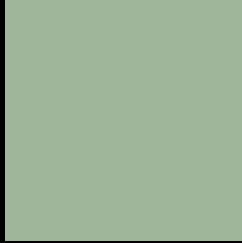
Large Text (above 18pt) WCAG AA × Fail

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 171.9310, -8.8400, -11.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

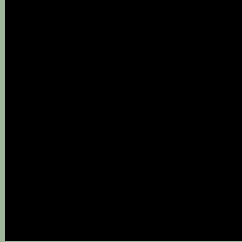
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.9310, -8.8400, -11.3405

Background



This preview shows how black text looks on a background with the YUV color 171.9310, -8.8400, -11.3405.



This preview shows how white text looks on a background with the YUV color 171.9310, -8.8400,

-11.3405.

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

171.9310, -8.8400, -11.3405

Protanopia

174.8410, -12.2466, 8.0324

Deuteranopia

176.6020, -9.6638, 19.6430



Tritanopia

175.0080, 7.8841, -8.7770

Trichromacy



Original Color

171.9310, -8.8400, -11.3405

Protanomaly

174.0250, -11.3513, 0.8551

Deuteranomaly

174.9380, -9.3364, 7.9474

Tritanomaly

174.1020, 1.9217, -9.7365

Monochromacy



Original Color

171.9310, -8.8400, -11.3405

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0550, -3.4781, -4.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9310, -8.8400, -11.3405 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(159, 182, 154)` looks like.

```
.text, #text, p{  
    color:rgb(159, 182, 154)  
}
```

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(159, 182, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 182, 154) }
```

Border

The CSS property to change the border of an element to YUV 171.9310, -8.8400, -11.3405 is called "border". The border property can be set on classes, ids or directly on the HTML element.

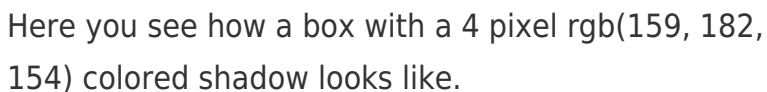
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 182, 154) }
```


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

```
.border{ border-color:rgb(159, 182, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 182, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 182, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 182, 154); box-shadow:4px 4px 4px 4px rgb(159, 182, 154) }
```

Background

The CSS property to change the background color of an element to YUV 171.9310, -8.8400, -11.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 182, 154) }
```

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

```
.background{ background-color: rgb(159,  
182, 154) }
```

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