

Converting Colors

YUV(151.6710, -11.1768,
-8.4815)

Have a look what the booklet for
YUV(151.6710, -11.1768, -8.4815)
contains.

YUV(151.6710, -11.1768, -8.4815)	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(151.6710, -11.1768,
-8.4815)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA181
RGB	142, 161, 129
RGB Percent	56%, 63%, 51%
CMY	0.4431, 0.3686, 0.4941
CMYK	0.12, 0.00, 0.20, 0.37
HSL	96°, 15%, 57%
HSV	96°, 20%, 63%
XYZ	27.8626, 32.8255, 25.6363
YIQ	151.6710, -1.0520, -13.9800

Conversions

Conversions Part 2

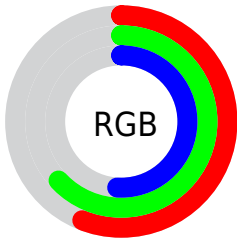
Format	Color
RYB	129, 161, 148
Decimal	9347457
CIELab	64.02, -12.76, 14.47
CIELCh	64, 19.292, 131.422
Yxy	32.8255, 0.3228, 0.3803
Android (android.graphics.Color)	4287537537 (0xFF8EA181)
YUV	151.6710, -11.1768, -8.4815
Hunter-Lab	57.2935, -13.4567, 13.5758

Details

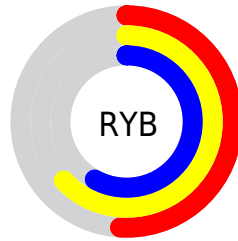
The YUV color **151.6710, -11.1768, -8.4815** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **138.3290, 11.1768, 8.4815**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1440, -11.9030, -8.8963**, and **100.3120, -10.0138, -8.1666** is the 20% darker color. If you saturate the color by 10%, you get **146.8570, -16.6915, -13.0296**, and if you desaturate by 10%, it is **156.4850, -5.6621, -3.9333**.

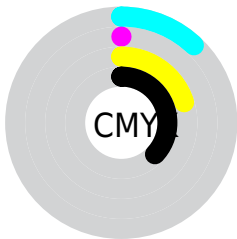
Distribution



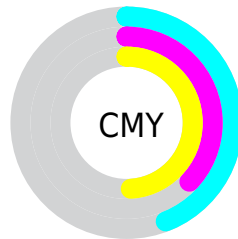
- Red (56%)
- Green (63%)
- Blue (51%)



- Red (51%)
- Yellow (63%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)



- Cyan (44%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.6710, -11.1768, -8.4815 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 151.6710, -11.1768, -8.4815 by changing the saturation by 10% instead.

■ 151.6710,
-11.1768, -8.4815

■ 151.6710,
-11.1768, -8.4815

255.0000, 0.0000,
0.0000

■ 125.7850,
-10.7400, -8.5814

■ 206.1440,
-11.9030, -8.8963

■ 100.3120,
-10.0138, -8.1666

■ 234.1440,
-11.9030, -8.8963

■ 76.7250, -9.7244,
-7.6518

■ 252.4640, -7.1308,
0.4701

■ 53.8390, -9.2876,
-7.7518

■ 32.2520, -8.9982,
-7.2370

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,

0.0000

■ 151.6710,
-11.1768, -8.4815

■ 151.6710,
-11.1768, -8.4815

■ 146.8570,
-16.6915, -13.0296

■ 156.4850, -5.6621,
-3.9333

■ 142.3420,
-22.3536, -16.9629

■ 161.0000, 0.0000,
0.0000

■ 137.5280,
-27.8683, -21.5111

■ 165.8140, 5.5147,
4.5481

■ 133.0130,
-33.5304, -25.4444

■ 170.3290, 11.1768,
8.4815

■ 128.1990,
-39.0451, -29.9925

■ 175.2570, 17.1283,
12.9296

■ 123.5700,
-45.1440, -33.8259

■ 179.7720, 22.7904,
16.8630

■ 118.7560,
-50.6587, -38.3740

■ 184.5860, 28.3051,
21.4111

■ 114.2410,
-56.3208, -42.3074

■ 188.7590, 32.6568,
25.6444

■ 113.9420,
-56.1734, -42.9221

■ 191.7490, 31.1827,
31.7921

Harmonies

Analogous

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



153.5050, -16.0250, 6.5731



151.6710, -11.1768, -8.4815



149.4610, -2.6923, -23.2063

Triad

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



151.6710, -11.1768, -8.4815



151.7160, 17.3950, -26.0609



158.0360, -4.4547, 28.9094

Complementary

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



151.6710, -11.1768, -8.4815



138.3290, 11.1768, 8.4815

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.



158.2830, 4.2975, 21.6768



151.6710, -11.1768, -8.4815



155.0000, 16.7620, -9.6470

Square

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



151.6710, -11.1768, -8.4815



149.0370, 13.7858, -35.1124



157.7310, 11.4716, 7.2519



156.7880, -11.7275, 28.2499

Rectangle

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



151.6710, -11.1768, -8.4815



148.3120, 3.2972, -30.9686



157.7310, 11.4716, 7.2519



158.1220, -1.5391, 27.0800

Sweetspot

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



151.6710, -11.1768, -8.4815



205.5390, -4.2097, -3.1037



149.7210, -10.2155, 9.8917



102.5930, -2.7573, -2.2741



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



151.6710, -11.1768, -8.4815



194.3300, -17.4177, -13.4444



148.1260, -7.9501, -16.7735



79.4790, -3.1941, -2.1741



102.7560, -50.6587, -38.3740



12.6590, -6.2409, -4.9629

Inverse Universe

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



138.3290, 11.1768, 8.4815



173.6700, 17.4177, 13.4444



141.8740, 7.9501, 16.7735



75.5210, 3.1941, 2.1741



42.2440, 50.6587, 38.3740



5.3410, 6.2409, 4.9629

Previews

White Background



This preview shows how the YUV color 151.6710, -11.1768, -8.4815 looks on a white background.

Color Contrast Check

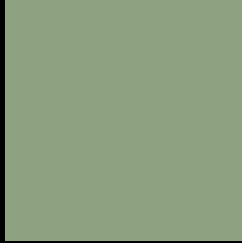
Large Text (above 18pt) WCAG AA × Fail

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 151.6710, -11.1768, -8.4815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

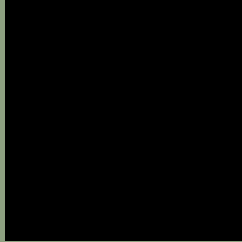
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

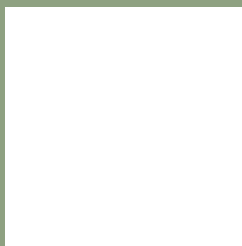
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 151.6710, -11.1768, -8.4815

Background



This preview shows how black text looks on a background with the YUV color 151.6710, -11.1768, -8.4815.



This preview shows how white text looks on a background with the YUV color 151.6710, -11.1768, -8.4815.

-8.4815.

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

151.6710, -11.1768, -8.4815

Protanopia

154.3850, -13.9938, 8.4324

Deuteranopia

155.6190, -12.1372, 19.6281



Tritanopia

154.9760, 6.4208, -6.1180

Trichromacy



Original Color

151.6710, -11.1768, -8.4815

Protanomaly

153.2810, -12.9565, 2.3846

Deuteranomaly

153.9660, -11.8152, 9.6768

Tritanomaly

153.9560, 0.0217, -6.9774

Monochromacy



Original Color

151.6710, -11.1768, -8.4815

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.6530, -3.7729, -3.2037

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6710, -11.1768, -8.4815 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(142, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(142, 161, 129)  
}
```

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(142, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 161, 129) }
```

Border

The CSS property to change the border of an element to YUV 151.6710, -11.1768, -8.4815 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(142, 161, 129) }
```


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

```
.border{ border-color:rgb(142, 161, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 161, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 161, 129);  
box-shadow:4px 4px 4px 4px rgb(142, 161,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 151.6710, -11.1768, -8.4815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 161, 129) }
```

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

```
.background{ background-color: rgb(142,  
161, 129) }
```

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