

Converting Colors

YUV(149.1000, -11.8813,
-15.8737)

Have a look what the booklet for
YUV(149.1000, -11.8813, -15.8737)
contains.

YUV(149.1000, -11.8813, -15.8737)	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(149.1000, -11.8813,
-15.8737)**

Conversions

Conversions Part 1

Format	Color
Hex	83A37D
RGB	131, 163, 125
RGB Percent	51%, 64%, 49%
CMY	0.4863, 0.3608, 0.5098
CMYK	0.20, 0.00, 0.23, 0.36
HSL	111°, 17%, 56%
HSV	111°, 23%, 64%
XYZ	26.1589, 32.5003, 24.2965
YIQ	149.1000, -6.8740, -18.6020

Conversions

Conversions Part 2

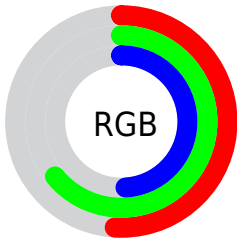
Format	Color
RYB	125, 163, 157
Decimal	8627069
CIELab	63.75, -18.53, 16.20
CIELCh	64, 24.615, 138.845
Yxy	32.5003, 0.3153, 0.3918
Android (android.graphics.Color)	4286817149 (0xFF83A37D)
YUV	149.1000, -11.8813, -15.8737
Hunter-Lab	57.0091, -17.8602, 14.6377

Details

The YUV color **149.1000, -11.8813, -15.8737** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **138.9000, 11.8813, 15.8737**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2740, -12.4601, -16.9033**, and **98.0400, -10.8657, -14.9441** is the 20% darker color. If you saturate the color by 10%, you get **143.0900, -16.8064, -22.8809**, and if you desaturate by 10%, it is **155.1100, -6.9562, -8.8665**.

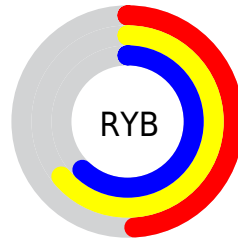
Distribution



Red (51%)

Green (64%)

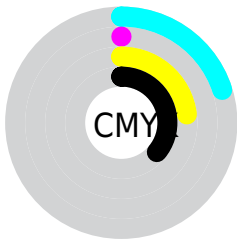
Blue (49%)



Red (49%)

Yellow (64%)

Blue (62%)

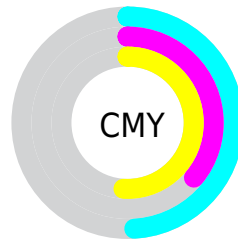


Cyan (20%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.1000, -11.8813, -15.8737 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 149.1000, -11.8813, -15.8737 by changing the saturation by 10% instead.

■ 149.1000,
-11.8813, -15.8737

■ 149.1000,
-11.8813, -15.8737

■ 255.0000, 0.0000,
0.0000

■ 123.2140,
-11.4445, -15.9737

■ 203.2740,
-12.4601, -16.9033

■ 98.0400, -10.8657,
-14.9441

■ 231.7470,
-13.1863, -17.3181

■ 74.1540, -10.4289,
-15.0441

■ 248.3060, -7.5459,
-6.4074

■ 50.6810, -9.7027,
-14.6292

■ 28.9800, -9.8501,
-14.0145

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,

0.0000

■ 149.1000,
-11.8813, -15.8737

■ 149.1000,
-11.8813, -15.8737

■ 143.0900,
-16.8064, -22.8809

■ 155.1100, -6.9562,
-8.8665

■ 137.2650,
-22.3156, -29.1734

■ 160.9350, -1.4470,
-2.5740

■ 131.2550,
-27.2407, -36.1806

■ 166.9450, 3.4781,
4.4332

■ 125.2450,
-32.1658, -43.1879

■ 172.9550, 8.4032,
11.4405

■ 119.2350,
-37.0909, -50.1951

■ 178.9650, 13.3283,
18.4477

■ 113.4100,
-42.6001, -56.4876

■ 184.7900, 18.8375,
24.7402

■ 107.4000,
-47.5252, -63.4948

■ 190.8000, 23.7626,
31.7474

■ 103.4550,
-51.0033, -67.9280

■ 196.8100, 28.6877,
38.7546

■ 200.9960, 26.6240,
47.3615

Harmonies

Analogous

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



151.6850, -19.0717, 3.7843



149.1000, -11.8813, -15.8737



145.9650, -0.4757, -34.1723

Triad

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



149.1000, -11.8813, -15.8737



150.4750, 22.9368, -30.2346



157.1680, -7.9708, 36.6867

Complementary

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



149.1000, -11.8813, -15.8737



138.9000, 11.8813, 15.8737

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.



157.9960, 2.9600, 30.6985



149.1000, -11.8813, -15.8737



155.5210, 19.9561, -7.4729

Square

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



149.1000, -11.8813, -15.8737



145.3930, 20.5123, -45.9487



157.4160, 12.6129, 14.5442



155.5560, -16.5431, 32.8384

Rectangle

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



149.1000, -11.8813, -15.8737



144.3750, 7.7031, -44.1789



157.4160, 12.6129, 14.5442



157.1940, -4.0396, 35.7869

Sweetspot

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



149.1000, -11.8813, -15.8737



206.4030, -4.6357, -6.4924



155.1460, -14.8620, 6.8880



103.9950, -2.4625, -3.5036



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



149.1000, -11.8813, -15.8737



190.2100, -18.8375, -24.7402



148.7880, -5.3185, -20.8621



78.8810, -2.8993, -3.4036



91.9920, -45.3521, -60.5060



11.4630, -5.6513, -7.4221

Inverse Universe

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



138.9000, 11.8813, 15.8737



173.7900, 18.8375, 24.7402



139.2120, 5.3185, 20.8621



76.1190, 2.8993, 3.4036



53.0080, 45.3521, 60.5060



6.5370, 5.6513, 7.4221

Previews

White Background



This preview shows how the YUV color 149.1000, -11.8813, -15.8737 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 149.1000, -11.8813, -15.8737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

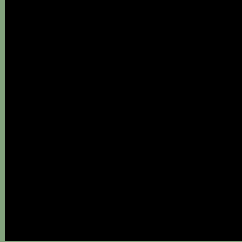
Any Text WCAG AA ✓ Pass

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 149.1000, -11.8813, -15.8737 Background



This preview shows how black text looks on a background with the YUV color 149.1000, -11.8813, -15.8737.



This preview shows how white text looks on a background with the YUV color 149.1000, -11.8813, -15.8737.

-15.8737.

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

149.1000, -11.8813, -15.8737

Protanopia

153.2280, -15.8884, 9.4470

Deuteranopia

154.6900, -13.1582, 20.4429



Tritanopia

152.8010, 8.4791, -12.9805

Trichromacy



Original Color

149.1000, -11.8813, -15.8737

Protanomaly

151.5150, -14.5509, 0.4253

Deuteranomaly

152.4280, -12.5360, 7.5176

Tritanomaly

151.2540, 1.3538, -14.2548

Monochromacy



Original Color

149.1000, -11.8813, -15.8737

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.8160, -4.3463, -5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1000, -11.8813, -15.8737 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(131, 163, 125)` looks like.

```
.text, #text, p{  
    color:rgb(131, 163, 125)  
}
```

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(131, 163, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 163, 125) }
```

Border

The CSS property to change the border of an element to YUV 149.1000, -11.8813, -15.8737 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(131, 163, 125) }
```


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

```
.border{ border-color:rgb(131, 163, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 163, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 163, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 163, 125);  
box-shadow:4px 4px 4px 4px rgb(131, 163,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 149.1000, -11.8813, -15.8737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 163, 125) }
```

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

```
.background{ background-color: rgb(131,  
163, 125) }
```

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