

# Converting Colors

YUV(147.6600, -11.1714,  
-10.2258)

Have a look what the booklet for  
YUV(147.6600, -11.1714, -10.2258)  
contains.

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# Color

**YUV(147.6600, -11.1714,  
-10.2258)**

# Conversions

Conversions Part 1	
Format	Color
Hex	889E7D
RGB	136, 158, 125
RGB Percent	53%, 62%, 49%
CMY	0.4667, 0.3804, 0.5098
CMYK	0.14, 0.00, 0.21, 0.38
HSL	100°, 15%, 55%
HSV	100°, 21%, 62%
XYZ	26.0819, 31.1686, 24.0435
YIQ	147.6600, -2.5190, -14.9270

# Conversions

## Conversions Part 2

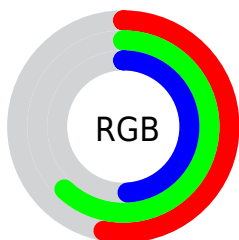
Format	Color
<a href="#">RYB</a>	<a href="#">125, 158, 147</a>
Decimal	<a href="#">8953469</a>
CIELab	<a href="#">62.65, -14.09, 14.72</a>
CIELCh	<a href="#">63, 20.376, 133.758</a>
Yxy	<a href="#">31.1686, 0.3208, 0.3834</a>
Android (android.graphics.Color)	<a href="#">4287143549</a> (0xFF889E7D)
YUV	<a href="#">147.6600, -11.1714, -10.2258</a>
Hunter-Lab	<a href="#">55.8289, -14.3097, 13.5461</a>

# Details

The YUV color **147.6600, -11.1714, -10.2258** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **135.3400, 11.1714, 10.2258**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1330, -11.8976, -10.6406**, and **97.1870, -10.4452, -9.8110** is the 20% darker color. If you saturate the color by 10%, you get **142.5470, -16.5387, -15.3887**, and if you desaturate by 10%, it is **152.7730, -5.8041, -5.0629**.

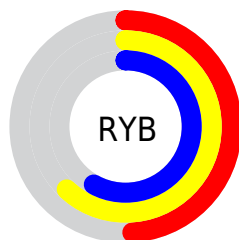
# Distribution



Red (53%)

Green (62%)

Blue (49%)



Red (49%)

Yellow (62%)

Blue (58%)

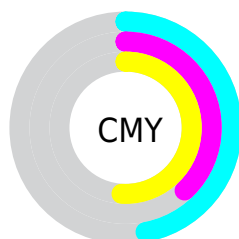


Cyan (14%)

Magenta (0%)

Yellow (21%)

Black (38%)



Cyan (47%)

Magenta (38%)


Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 147.6600, -11.1714, -10.2258 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 147.6600, -11.1714, -10.2258 by changing the saturation by 10% instead.





 147.6600,  
-11.1714, -10.2258


 147.6600,  
-11.1714, -10.2258


255.0000, 0.0000,  
0.0000


 121.7740,  
-10.7346, -10.3258


 202.1330,  
-11.8976, -10.6406


 97.1870, -10.4452,  
-9.8110


 229.7200,  
-12.1870, -11.1554

 72.7140, -9.7190,  
-9.3962

 249.8010, -8.2829,  
-3.3335


 50.2410, -8.9928,  
-8.9814


 28.4260, -9.5770,  
-8.2666


 9.9790, -4.9196,  
-8.7516


 0.0000, 0.0000,


0.0000


 147.6600,  
-11.1714, -10.2258

 147.6600,  
-11.1714, -10.2258


 142.5470,  
-16.5387, -15.3887


 152.7730, -5.8041,  
-5.0629

 137.7330,  
-22.0534, -19.9368

 157.5870, -0.2894,  
-0.5148


 132.7340,  
-26.9839, -25.1997


 162.5860, 4.6411,  
4.7481


 127.9200,  
-32.4986, -29.7478

 167.4000, 10.1558,  
9.2962

 122.8070,  
-37.8659, -34.9107

 172.5130, 15.5231,  
14.4591

 117.9930,  
-43.3805, -39.4589

 177.3270, 21.0378,  
19.0072

■ 112.8800,  
-48.7478, -44.6218

■ 182.4400, 26.4051,  
24.1701

■ 108.5930,  
-53.5363, -48.7551

■ 187.1400, 31.4830,  
28.8182

■ 190.8850, 31.6087,  
35.1809

# Harmonies

## Analogous

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



149.9780, -16.7512, 6.1583



147.6600, -11.1714, -10.2258



145.2650, -2.1026, -25.6654

# Triad

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



147.6600, -11.1714, -10.2258



148.0580, 18.7054, -26.3609



154.5200, -5.1864, 30.2390

# Complementary

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



147.6600, -11.1714, -10.2258



135.3400, 11.1714, 10.2258

# 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.



155.0660, 3.4185, 23.6211



147.6600, -11.1714, -10.2258



151.4130, 17.0514, -9.1322

# Square

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



147.6600, -11.1714, -10.2258



144.4820, 15.5384, -37.2567



154.1550, 11.7556, 9.5111



153.4460, -13.0379, 28.5499



# Rectangle

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



147.6600, -11.1714, -10.2258



144.2300, 4.3236, -33.5277



154.1550, 11.7556, 9.5111



154.9050, -2.4182, 29.0243

# Sweetspot

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



147.6600, -11.1714, -10.2258



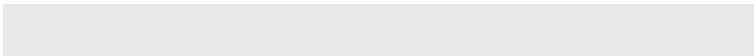
202.8270, -4.3517, -4.2333



147.7810, -11.2310, 8.9621



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.



147.6600, -11.1714, -10.2258



190.6070, -17.5543, -16.3183



145.0550, -6.9291, -17.5882



76.5930, -2.7573, -2.2741



98.2930, -48.4584, -44.1070



10.3000, -5.0779, -4.6481



# Inverse Universe

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



135.3400, 11.1714, 10.2258



171.0940, 17.7017, 15.7036



138.0590, 7.3659, 17.4883



73.4070, 2.7573, 2.2741



44.7070, 48.4584, 44.1070

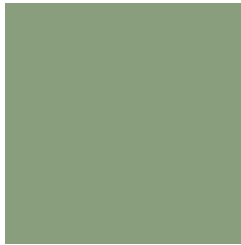


4.7000, 5.0779, 4.6481



# Previews

## White Background



This preview shows how the YUV color 147.6600, -11.1714, -10.2258 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

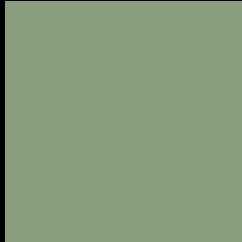
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 147.6600, -11.1714, -10.2258 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

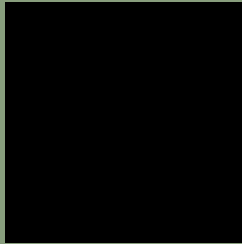
Any Text WCAG AA ✓ Pass

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 147.6600, -11.1714, -10.2258 Background**



This preview shows how black text looks on a background with the YUV color 147.6600, -11.1714, -10.2258.



This preview shows how white text looks on a background with the YUV color 147.6600, -11.1714, -10.2258.

-10.2258.

# 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

147.6600, -11.1714, -10.2258

### Protanopia

150.3850, -13.9938, 8.4324

### Deuteranopia

151.7330, -11.7004, 19.5282



## Tritanopia

151.0790, 6.8631, -7.9623

# Trichromacy



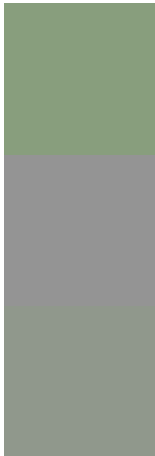
**Original Color**  
147.6600, -11.1714, -10.2258

**Protanomaly**  
149.5690, -13.0985, 1.2550

**Deuteranomaly**  
150.3680, -11.5204, 8.4473

**Tritanomaly**  
149.9450, 0.0271, -8.7218

# Monochromacy



**Original Color**  
147.6600, -11.1714, -10.2258

**Achromatopsia**  
148.0000, 0.0000, 0.0000

**Achromatomaly**  
148.2400, -4.0623, -3.7185

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.6600, -11.1714, -10.2258 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(136, 158, 125)` looks like.

```
.text, #text, p{  
    color:rgb(136, 158, 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(136, 158, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 158, 125) }
```

## Border

The CSS property to change the border of an element to YUV 147.6600, -11.1714, -10.2258 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(136, 158, 125) }
```



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

```
.border{ border-color:rgb(136, 158, 125) }
```

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

Here you see how a box with a 4 pixel rgb(136, 158, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 158, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 158, 125);  
box-shadow:4px 4px 4px 4px rgb(136, 158,  
125) }
```

# Background

The CSS property to change the background color of an element to YUV 147.6600, -11.1714, -10.2258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 158, 125) }
```

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

```
.background{ background-color: rgb(136,  
158, 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](#).

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