

# Converting Colors

YUV(132.9990, -11.8315,  
14.9099)

Have a look what the booklet for  
YUV(132.9990, -11.8315, 14.9099)  
contains.

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# Color

**YUV(132.9990, -11.8315,  
14.9099)**

# Conversions

Conversions Part 1	
Format	Color
Hex	96816D
RGB	150, 129, 109
RGB Percent	59%, 51%, 43%
CMY	0.4118, 0.4941, 0.5725
CMYK	0.00, 0.14, 0.27, 0.41
HSL	29°, 16%, 51%
HSV	29°, 27%, 59%
XYZ	23.1883, 23.2887, 17.7410
YIQ	132.9990, 18.9360, -1.7680

# Conversions

## Conversions Part 2

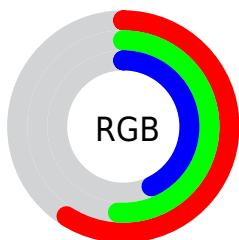
Format	Color
<a href="#">RYB</a>	<a href="#">150, 148, 109</a>
Decimal	<a href="#">9863533</a>
CIELab	<a href="#">55.37, 4.80, 13.81</a>
CIELCh	<a href="#">55, 14.623, 70.826</a>
Yxy	<a href="#">23.2887, 0.3611, 0.3627</a>
Android (android.graphics.Color)	<a href="#">4288053613</a> (0xFF96816D)
YUV	<a href="#">132.9990, -11.8315, 14.9099</a>
Hunter-Lab	<a href="#">48.2583, 1.3176, 11.9843</a>

# Details

The YUV color **132.9990, -11.8315, 14.9099** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **126.0010, 11.8315, -14.9099**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4830, -12.5631, 16.2394**, and **83.2160, -10.9525, 12.9656** is the 20% darker color. If you saturate the color by 10%, you get **126.5930, -16.0683, 20.5279**, and if you desaturate by 10%, it is **139.4050, -7.5947, 9.2918**.

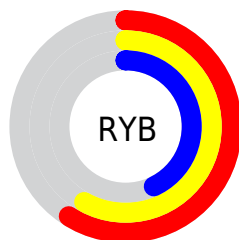
# Distribution



Red (59%)

Green (51%)

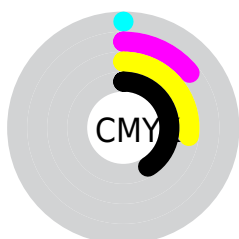
Blue (43%)



Red (59%)

Yellow (58%)

Blue (43%)

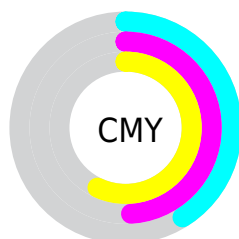


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (41%)



Cyan (41%)

Magenta (49%)


Yellow (57%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 132.9990, -11.8315, 14.9099 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 132.9990, -11.8315, 14.9099 by changing the saturation by 10% instead.





 132.9990,  
-11.8315, 14.9099


 132.9990,  
-11.8315, 14.9099


255.0000, 0.0000,  
0.0000


 107.8140,  
-11.2473, 14.1951


 186.4830,  
-12.5631, 16.2394

 83.2160, -10.9525,  
12.9656


 213.7820,  
-12.7105, 16.8542


 60.0310, -10.3683,  
12.2508


 240.4610,  
-12.5523, 12.7507


 38.5470, -9.6367,  
10.9213


 253.7460, -4.8048,  
1.0998

 17.1880, -8.4737,  
11.2361


 0.0000, 0.0000,  
0.0000

 132.9990,  
-11.8315, 14.9099


 132.9990,  
-11.8315, 14.9099


 126.5930,  
-16.0683, 20.5279

 139.4050, -7.5947,  
9.2918

 120.7740,  
-20.5946, 25.6312


 145.2240, -3.0684,  
4.1886

 114.3680,  
-24.8314, 31.2493


 151.6300, 1.1684,  
-1.4295


 107.9620,  
-29.0683, 36.8673


 158.0360, 5.4053,  
-7.0476


 102.1430,  
-33.5945, 41.9706

 163.8550, 9.9315,  
-12.1508

 95.7370, -37.8313,  
47.5887

 170.2610, 14.1683,  
-17.7689

 89.3310, -42.0682,  
53.2067

 176.6670, 18.4052,  
-23.3870

 87.7010, -43.2366,

 182.4860, 22.9314,

54.6362

-28.4902

■ 188.8920, 27.1682,  
-34.1083

# Harmonies

## Analogous

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



133.9550, -8.3588, 21.0875



132.9990, -11.8315, 14.9099



131.6450, -11.6570, 5.5733

# Triad

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



132.9990, -11.8315, 14.9099



127.6980, 4.5859, -24.2911



134.6230, 8.5669, 5.5926

# Complementary

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



132.9990, -11.8315, 14.9099



126.0010, 11.8315, -14.9099

# 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.



132.4580, 12.0992, -7.4177



132.9990, -11.8315, 14.9099



128.4790, 10.1169, -24.9761

# Square

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



132.9990, -11.8315, 14.9099



128.6190, -2.2772, -16.3289



130.2070, 12.7159, -18.5985



135.1960, 2.8614, 15.6141



# Rectangle

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



132.9990, -11.8315, 14.9099



130.7580, -9.7407, -2.4188



130.2070, 12.7159, -18.5985



133.6440, 10.0355, 1.1892

# Sweetspot

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



132.9990, -11.8315, 14.9099



187.4800, -4.6736, 5.7180



123.6530, 3.1291, 23.1063



92.9250, -2.9210, 3.5738



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



132.9990, -11.8315, 14.9099



167.3330, -18.4052, 23.3870



144.7390, -17.6193, 4.6139



70.8540, -1.9000, 2.7590



80.5910, -39.7314, 50.3477



5.9250, -2.9210, 3.5738



# Inverse Universe

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



126.0010, 11.8315, -14.9099



156.6670, 18.4052, -23.3870



114.2610, 17.6193, -4.6139



69.5590, 2.1894, -2.2442



57.4090, 39.7314, -50.3477



4.0750, 2.9210, -3.5738



# Previews

## White Background



This preview shows how the YUV color 132.9990, -11.8315, 14.9099 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

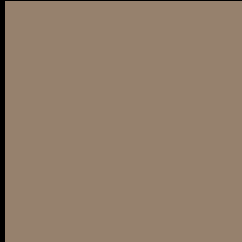
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 132.9990, -11.8315, 14.9099 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

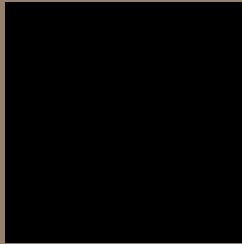
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 132.9990, -11.8315, 14.9099

## Background



This preview shows how black text looks on a background with the YUV color 132.9990, -11.8315, 14.9099.



This preview shows how white text looks on a background with the YUV color 132.9990, -11.8315,



# 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

132.9990, -11.8315, 14.9099

### Protanopia

131.9980, -10.3520, 7.0178

### Deuteranopia

133.6080, -12.1317, 17.8838



## Tritanopia

134.5120, 0.2406, 16.2140

# Trichromacy



**Original Color**  
132.9990, -11.8315, 14.9099

**Protanomaly**  
132.4930, -11.0890, 10.0916

**Deuteranomaly**  
133.3090, -11.9843, 17.2690

**Tritanomaly**  
133.7740, -3.8326, 15.9842

# Monochromacy



**Original Color**  
132.9990, -11.8315, 14.9099

**Achromatopsia**  
133.0000, 0.0000, 0.0000

**Achromatomaly**  
133.1810, -4.5262, 5.1033

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.9990, -11.8315, 14.9099 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(150, 129, 109)` looks like.

```
.text, #text, p{  
    color:rgb(150, 129, 109)  
}
```

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(150, 129, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 129, 109) }
```

## Border

The CSS property to change the border of an element to YUV 132.9990, -11.8315, 14.9099 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(150, 129, 109) }
```



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

```
.border{ border-color:rgb(150, 129, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 129, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 129, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 129, 109);  
box-shadow:4px 4px 4px 4px rgb(150, 129,  
109) }
```

# Background

The CSS property to change the background color of an element to YUV 132.9990, -11.8315, 14.9099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 129, 109) }
```

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

```
.background{ background-color: rgb(150,  
129, 109) }
```

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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