

# Converting Colors

YUV(148.4620, -37.6958,  
3.9798)

Have a look what the booklet for  
YUV(148.4620, -37.6958, 3.9798)  
contains.

<b>YUV(148.4620, -37.6958, 3.9798)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(148.4620, -37.6958,  
3.9798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	99A148
RGB	153, 161, 72
RGB Percent	60%, 63%, 28%
CMY	0.4000, 0.3686, 0.7176
CMYK	0.05, 0.00, 0.55, 0.37
HSL	65°, 38%, 46%
HSV	65°, 55%, 63%
XYZ	27.0514, 32.7299, 11.0226
YIQ	148.4620, 23.8010, -29.3750

# Conversions

## Conversions Part 2

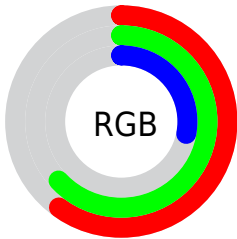
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">72, 161, 80</a>
Decimal	<a href="#">10068296</a>
CIELab	<a href="#">63.94, -15.68, 44.62</a>
CIElCh	<a href="#">64, 47.295, 109.367</a>
Yxy	<a href="#">32.7299, 0.3821, 0.4623</a>
Android (android.graphics.Color)	<a href="#">4288258376 (0xFF99A148)</a>
YUV	<a href="#">148.4620, -37.6958, 3.9798</a>
Hunter-Lab	<a href="#">57.2101, -15.7150, 28.6237</a>

# Details

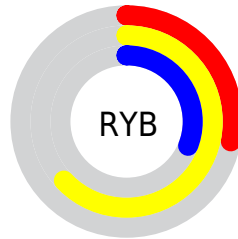
The YUV color **148.4620, -37.6958, 3.9798** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **84.5380, 37.6958, -3.9798**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3050, -39.5904, 4.9945**, and **96.7500, -37.8377, 2.8502** is the 20% darker color. If you saturate the color by 10%, you get **146.3390, -44.5371, 4.9647**, and if you desaturate by 10%, it is **150.5850, -30.8544, 2.9950**.

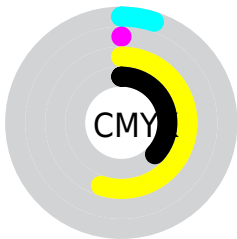
# Distribution



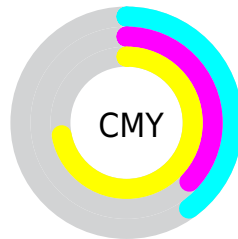
- Red (60%)
- Green (63%)
- Blue (28%)



- Red (28%)
- Yellow (63%)
- Blue (31%)



- Cyan (5%)
- Magenta (0%)
- Yellow (55%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 148.4620, -37.6958, 3.9798 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 148.4620, -37.6958, 3.9798 by changing the saturation by 10% instead.



■ 148.4620,  
-37.6958, 3.9798

■ 148.4620,  
-37.6958, 3.9798

■ 255.0000, 0.0000,  
0.0000

■ 122.2770,  
-37.1116, 3.2651

■ 203.3050,  
-39.5904, 4.9945

■ 96.7500, -37.8377,  
2.8502

■ 231.4900,  
-40.1746, 5.7093

■ 72.0210, -35.5064,  
1.7356

■ 246.1080,  
-34.0702, 7.7983

■ 51.3440, -25.3126,  
-1.1787

■ 249.3000,  
-21.8399, 4.9989

■ 30.9550, -15.2608,  
-5.2225

■ 252.6060, -9.1728,  
2.0995

■ 12.9140, -6.3666,  
-11.3256

■ 0.0000, 0.0000,

0.0000

■ 148.4620,  
-37.6958, 3.9798

■ 148.4620,  
-37.6958, 3.9798

■ 146.3390,  
-44.5371, 4.9647

■ 150.5850,  
-30.8544, 2.9950

■ 143.9170,  
-51.2311, 5.3348

■ 153.0070,  
-24.1605, 2.6249

■ 141.7940,  
-58.0724, 6.3197

■ 155.1300,  
-17.3191, 1.6400

■ 139.3720,  
-64.7664, 6.6898

■ 157.5520,  
-10.6251, 1.2699

■ 138.4600,  
-68.2608, 7.4896

■ 159.7890, -3.3470,  
0.1850

■ 162.2110, 3.3470,  
-0.1850

■ 164.3340, 10.1883,  
-1.1699

■ 166.7560, 16.8823,  
-1.5400

■ 168.8790, 23.7237,  
-2.5249

# Harmonies

## Analogous

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



151.9760, -40.4142, 35.9780



148.4620, -37.6958, 3.9798



142.0580, -21.7206, -33.3769

# Triad

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



148.4620, -37.6958, 3.9798



126.4030, 45.1573, -110.8554



158.2090, 6.7990, 59.4527

# Complementary

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



148.4620, -37.6958, 3.9798



84.5380, 37.6958, -3.9798

# 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.



159.4190, 24.9364, 28.5735



148.4620, -37.6958, 3.9798



128.3690, 53.5551, -97.6706

# Square

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



148.4620, -37.6958, 3.9798



124.0600, 28.5644, -108.8006



154.7920, 39.0495, -18.2346



155.6990, -13.1626, 68.6700



# Rectangle

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



148.4620, -37.6958, 3.9798



133.9150, -4.8881, -65.7005



154.7920, 39.0495, -18.2346



158.8750, 13.3726, 50.9756

# Sweetspot

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



148.4620, -37.6958, 3.9798



204.1130, -14.8457, 1.6549



102.7200, -15.1450, 51.1116



102.0080, -8.8779, 0.8700



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.



148.4620, -37.6958, 3.9798



189.6800, -58.5092, 6.4196



135.3060, -31.2099, -23.0704



80.6750, -3.7838, 0.2850



124.5830, -61.4194, 6.5047



15.3500, -7.5675, 0.5701



# Inverse Universe

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



84.5380, 37.6958, -3.9798



90.3200, 58.5092, -6.4196



97.6940, 31.2099, 23.0704



74.3250, 3.7838, -0.2850



20.4170, 61.4194, -6.5047



2.6500, 7.5675, -0.5700



# Previews

## White Background



This preview shows how the YUV color 148.4620, -37.6958, 3.9798 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 148.4620, -37.6958, 3.9798 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

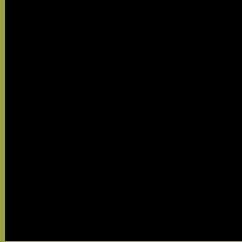
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 148.4620, -37.6958, 3.9798

## Background



This preview shows how black text looks on a background with the YUV color 148.4620, -37.6958, 3.9798.



This preview shows how white text looks on a background with the YUV color 148.4620, -37.6958, 3.9798.



# 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

148.4620, -37.6958, 3.9798

### Protanopia

150.3930, -39.6337, 18.9493

### Deuteranopia

152.0620, -37.4986, 34.1486



## Tritanopia

155.9560, 3.4727, 6.1776

# Trichromacy



## Original Color

148.4620, -37.6958, 3.9798

## Protanomaly

149.5880, -38.7439, 13.5163

## Deuteranomaly

150.6970, -37.3186, 23.0677

## Tritanomaly

153.3460, -11.5096, 4.9586

# Monochromacy



## Original Color

148.4620, -37.6958, 3.9798

## Achromatopsia

148.0000, 0.0000, 0.0000

## Achromatomaly

148.3410, -13.9721, 1.4549

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 148.4620, -37.6958, 3.9798 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(153, 161, 72)` looks like.

```
.text, #text, p{  
    color:rgb(153, 161, 72)  
}
```

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(153, 161, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 161, 72) }
```

## Border

The CSS property to change the border of an element to YUV 148.4620, -37.6958, 3.9798 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(153, 161, 72) }
```



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

```
.border{ border-color:rgb(153, 161, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 161, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 161, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 161, 72);  
box-shadow:4px 4px 4px 4px rgb(153, 161,  
72) }
```

# Background

The CSS property to change the background color of an element to YUV 148.4620, -37.6958, 3.9798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 161, 72) }
```

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

```
.background{ background-color: rgb(153,  
161, 72) }
```

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