

Converting Colors

YUV(137.9370, -68.0029,
64.9533)

Have a look what the booklet for
YUV(137.9370, -68.0029, 64.9533)
contains.

YUV(137.9370, -68.0029, 64.9533)	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(137.9370, -68.0029,
64.9533)**

Conversions

Conversions Part 1

Format	Color
Hex	D47F00
RGB	212, 127, 0
RGB Percent	83%, 50%, 0%
CMY	0.1686, 0.5020, 1.0000
CMYK	0.00, 0.40, 1.00, 0.17
HSL	36°, 100%, 42%
HSV	36°, 100%, 83%
XYZ	34.7407, 29.1758, 3.8005
YIQ	137.9370, 91.4270, -21.4770

Conversions

Conversions Part 2

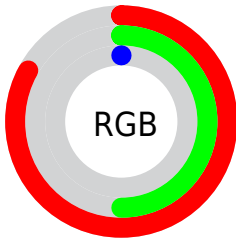
Format	Color
R_{YB}	142, 212, 0
Decimal	13926144
CIE Lab	60.94, 25.87, 67.29
CIE LCh	61, 72.090, 68.968
Yxy	29.1758, 0.5130, 0.4308
Android (android.graphics.Color)	4292116224 (0xFFD47F00)
YUV	137.9370, -68.0029, 64.9533
Hunter-Lab	54.0146, 20.2808, 33.6386

Details

The YUV color **137.9370, -68.0029, 64.9533** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **74.0630, 68.0029, -64.9533**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.8850, -59.1033, 57.1059**, and **90.3480, -44.5416, 53.1918** is the 20% darker color. If you saturate the color by 10%, you get **137.9370, -68.0029, 64.9533**, and if you desaturate by 10%, it is **145.6140, -61.4347, 58.2205**.

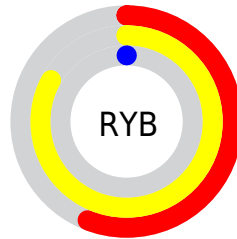
Distribution



Red (83%)

Green (50%)

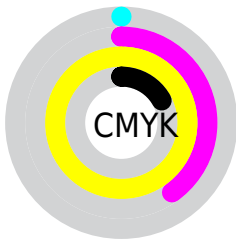
Blue (0%)



Red (56%)

Yellow (83%)

Blue (0%)

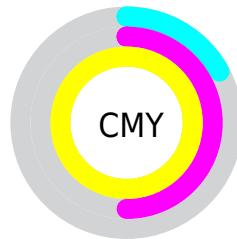


Cyan (0%)

Magenta (40%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (50%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.9370, -68.0029, 64.9533 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 137.9370, -68.0029, 64.9533 by changing the saturation by 10% instead.

■ 137.9370,
-68.0029, 64.9533

■ 137.9370,
-68.0029, 64.9533

■ 255.0000, 0.0000,
0.0000

■ 113.9930,
-56.1985, 58.7651

■ 189.8850,
-59.1033, 57.1059

■ 90.3480, -44.5416,
53.1918

■ 209.3990,
-55.4127, 39.9921

■ 67.8770, -33.4634,
46.5889

■ 228.9130,
-51.7221, 22.8783

■ 45.7050, -22.5326,
40.6007

■ 243.2580,
-44.9902, 10.2977

■ 23.8320, -11.7492,
35.2273

■ 246.4500,
-32.7599, 7.4983


■ 12.3730, -5.6069,
25.1059


■ 249.6420,

■ 0.0000, 0.0000,


-20.5295, 4.6990


0.0000

 252.9480, -7.8624,
1.7996


 137.9370,
-68.0029, 64.9533

 145.6140,
-61.4347, 58.2205

 152.7040,
-54.5771, 52.0026

 160.4950,
-47.5720, 45.1699

 167.5850,
-40.7144, 38.9520

 175.2620,
-34.1462, 32.2192

■ 182.3520,
-27.2885, 26.0013

■ 190.0290,
-20.7203, 19.2686

■ 197.2330,
-13.4259, 12.9507

■ 204.9100, -6.8576,
6.2179

Harmonies

Analogous

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



139.6580, -34.3414, 95.0159



137.9370, -68.0029, 64.9533



135.5910, -66.8464, 20.5297

Triad

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



137.9370, -68.0029, 64.9533



122.1220, 21.1389, -107.1010



150.9120, 47.3714, 19.3712

Complementary

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



137.9370, -68.0029, 64.9533



74.0630, 68.0029, -64.9533

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.



115.9460, 68.5536, -101.6846



137.9370, -68.0029, 64.9533



127.9020, 48.3623, -112.1701

Square

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



137.9370, -68.0029, 64.9533



112.7230, -7.2584, -98.8581



126.5120, 63.3446, -110.9510



145.8090, 23.7582, 79.9745

Rectangle

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



137.9370, -68.0029, 64.9533



128.8920, -63.5438, -12.1833



126.5120, 63.3446, -110.9510



147.2290, 53.1311, -8.0938

Sweetspot

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



137.9370, -68.0029, 64.9533



228.1390, -24.2255, 23.5571



73.4200, 7.1879, 121.5347



111.6030, -14.5943, 14.3802



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



137.9370, -68.0029, 64.9533



166.0560, -81.8656, 78.0039



182.4500, -89.9478, 10.1294



103.3980, -3.6472, 3.1590



111.0030, -54.7245, 52.6174



28.1190, -13.8627, 13.0506

Inverse Universe

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



74.0630, 68.0029, -64.9533



88.9440, 81.8656, -78.0039



29.5500, 89.9478, -10.1293



100.1890, 3.3578, -3.6738



59.9970, 54.7245, -52.6174



14.8810, 13.8627, -13.0506

Previews

White Background



This preview shows how the YUV color 137.9370, -68.0029, 64.9533 looks on a white background.

Color Contrast Check

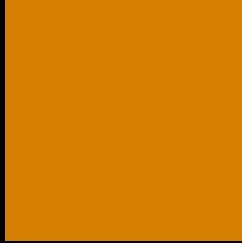
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9370, -68.0029, 64.9533 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 137.9370, -68.0029, 64.9533

Background



This preview shows how black text looks on a background with the YUV color 137.9370, -68.0029, 64.9533.



This preview shows how white text looks on a background with the YUV color 137.9370, -68.0029, 64.9533.

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

137.9370, -68.0029, 64.9533

Protanopia

138.3340, -60.3107, 24.2631

Deuteranopia

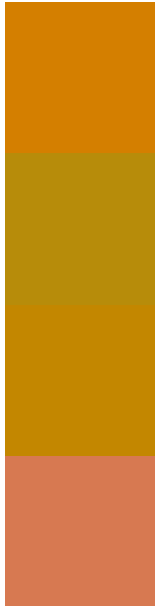
137.7940, -67.9324, 42.2767



Tritanopia

148.6270, -10.6621, 59.9631

Trichromacy



Original Color

137.9370, -68.0029, 64.9533

Protanomaly

138.0370, -63.1222, 39.4326

Deuteranomaly

137.5500, -67.8121, 50.3837

Tritanomaly

144.5460, -31.3282, 61.7882

Monochromacy



Original Color

137.9370, -68.0029, 64.9533

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0250, -24.6623, 23.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9370, -68.0029, 64.9533 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(212, 127, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 127, 0)  
}
```

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(212, 127, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 127, 0) }
```

Border

The CSS property to change the border of an element to YUV 137.9370, -68.0029, 64.9533 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(212, 127, 0) }
```


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

```
.border{ border-color:rgb(212, 127, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 127, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 127, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 127, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 127,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 137.9370, -68.0029, 64.9533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 127, 0) }
```

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

```
.background{ background-color: rgb(212,  
127, 0) }
```

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