

# Converting Colors

YUV(111.3700, -48.0034,  
43.5255)

Have a look what the booklet for  
YUV(111.3700, -48.0034, 43.5255)  
contains.

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# Color

**YUV(111.3700, -48.0034,  
43.5255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1690E
RGB	161, 105, 14
RGB Percent	63%, 41%, 5%
CMY	0.3686, 0.5882, 0.9451
CMYK	0.00, 0.35, 0.91, 0.37
HSL	37°, 84%, 34%
HSV	37°, 91%, 63%
XYZ	19.8288, 17.7119, 2.7891
YIQ	111.3700, 62.5870, -16.4290

# Conversions

## Conversions Part 2

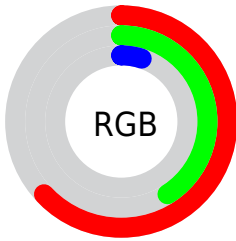
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 161, 14</a>
Decimal	<a href="#">10578190</a>
<a href="#">CIELab</a>	<a href="#">49.14, 15.75, 53.36</a>
<a href="#">CIElCh</a>	<a href="#">49, 55.637, 73.558</a>
<a href="#">Yxy</a>	<a href="#">17.7119, 0.4917, 0.4392</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4288768270 (0xFFA1690E)</a>
<a href="#">YUV</a>	<a href="#">111.3700, -48.0034, 43.5255</a>
<a href="#">Hunter-Lab</a>	<a href="#">42.0855, 10.4514, 25.5306</a>

# Details

The YUV color **111.3700, -48.0034, 43.5255** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **63.6300, 48.0034, -43.5255**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.3320, -46.9987, 47.9438**, and **65.1420, -32.1150, 34.0785** is the 20% darker color. If you saturate the color by 10%, you get **106.8390, -52.6716, 47.4992**, and if you desaturate by 10%, it is **116.7160, -42.7510, 38.8371**.

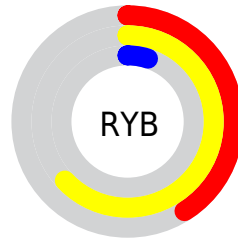
# Distribution



Red (63%)

Green (41%)

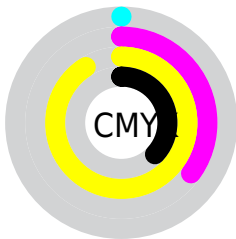
Blue (5%)



Red (41%)

Yellow (63%)

Blue (5%)

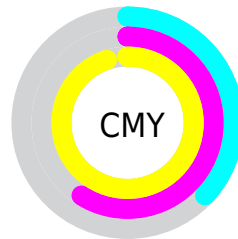


Cyan (0%)

Magenta (35%)

Yellow (91%)

Black (37%)



Cyan (37%)

Magenta (59%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 111.3700, -48.0034, 43.5255 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 111.3700, -48.0034, 43.5255 by changing the saturation by 10% instead.



■ 111.3700,  
-48.0034, 43.5255

■ 111.3700,  
-48.0034, 43.5255

■ 255.0000, 0.0000,  
0.0000

■ 87.0150, -42.8984,  
39.4518

■ 165.3320,  
-46.9987, 47.9438

■ 65.1420, -32.1150,  
34.0785

■ 193.3000,  
-48.4619, 50.6029

■ 43.8560, -21.6210,  
28.1903

■ 214.0100,  
-45.3609, 35.9482

■ 24.3420, -12.0006,  
22.5021

■ 233.4100,  
-42.1071, 18.9344


■ 7.5890, -3.2484,  
15.2694


■ 245.9940,  
-34.5070, 7.8983


■ 0.0000, 0.0000,  
0.0000

■ 249.1860,


-22.2767, 5.0989


 252.3780,  
-10.0464, 2.2995


 111.3700,  
-48.0034, 43.5255


 111.3700,  
-48.0034, 43.5255


 106.8390,  
-52.6716, 47.4992

 116.7160,  
-42.7510, 38.8371

 122.0620,  
-37.4986, 34.1486

 127.4080,  
-32.2461, 29.4602

 133.3410,  
-27.2831, 24.2569

 138.8010,  
-21.5939, 19.4685

■ 144.1470,  
-16.3415, 14.7801

■ 149.4930,  
-11.0890, 10.0916

■ 154.8390, -5.8366,  
5.4032

■ 160.1850, -0.5842,  
0.7148

# Harmonies

## Analogous

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



112.7470, -29.4553, 67.7509



111.3700, -48.0034, 43.5255



107.0210, -52.2684, 11.3826

# Triad

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



111.3700, -48.0034, 43.5255



97.3250, 20.0528, -85.3540



120.0360, 32.5203, 22.7704

# Complementary

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



111.3700, -48.0034, 43.5255



63.6300, 48.0034, -43.5255

# 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.



108.0750, 49.7560, -45.6698



111.3700, -48.0034, 43.5255



101.0530, 39.4139, -88.6235

# Square

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



111.3700, -48.0034, 43.5255



90.4510, -1.2083, -79.3255



99.3210, 53.0857, -87.1045



116.1800, 14.2083, 62.9861



# Rectangle

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



111.3700, -48.0034, 43.5255



104.6290, -37.7781, -16.3376



99.3210, 53.0857, -87.1045



119.2940, 37.8161, 4.1272

# Sweetspot

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



111.3700, -48.0034, 43.5255



190.2890, -18.3835, 16.4095



64.3370, 2.7919, 84.7735



93.4930, -11.0890, 10.0916



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.



111.3700, -48.0034, 43.5255



138.2140, -68.1395, 62.0793



139.1590, -61.7034, 4.2456



78.6260, -2.7736, 2.9590



96.1850, -47.4192, 42.8108



11.8390, -5.8366, 5.4032



# Inverse Universe

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



63.6300, 48.0034, -43.5255



70.7860, 68.1395, -62.0793



35.8410, 61.7034, -4.2456



76.3740, 2.7736, -2.9590



48.8150, 47.4192, -42.8108

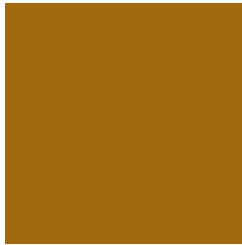


6.1610, 5.8366, -5.4032



# Previews

## White Background



This preview shows how the YUV color 111.3700, -48.0034, 43.5255 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

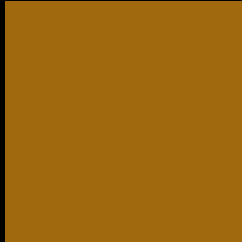
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 111.3700, -48.0034, 43.5255 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 111.3700, -48.0034, 43.5255

## Background



This preview shows how black text looks on a background with the YUV color 111.3700, -48.0034, 43.5255.



This preview shows how white text looks on a background with the YUV color 111.3700, -48.0034,

43.5255.

# 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

111.3700, -48.0034, 43.5255

### Protanopia

110.7860, -45.7435, 18.6047

### Deuteranopia

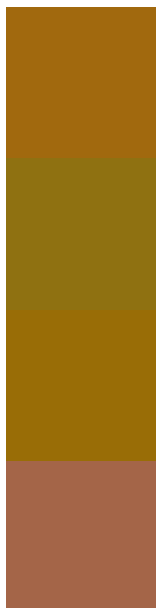
109.6370, -53.0650, 33.6444



## Tritanopia

118.8310, -6.8187, 40.4902

# Trichromacy



## Original Color

111.3700, -48.0034, 43.5255

## Protanomaly

111.0260, -46.3548, 28.0412

## Deuteranomaly

110.4140, -51.4761, 37.3479

## Tritanomaly

116.5310, -21.9538, 41.6303

# Monochromacy



## Original Color

111.3700, -48.0034, 43.5255

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

111.2180, -17.3625, 15.5948

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 111.3700, -48.0034, 43.5255 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(161, 105, 14)` looks like.

```
.text, #text, p{  
    color:rgb(161, 105, 14)  
}
```

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(161, 105, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 105, 14) }
```

## Border

The CSS property to change the border of an element to YUV 111.3700, -48.0034, 43.5255 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(161, 105, 14) }
```



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

```
.border{ border-color:rgb(161, 105, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 105, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 105, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 105, 14);  
box-shadow:4px 4px 4px 4px rgb(161, 105,  
14) }
```

# Background

The CSS property to change the background color of an element to YUV 111.3700, -48.0034, 43.5255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 105, 14) }
```

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

```
.background{ background-color: rgb(161,  
105, 14) }
```

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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