

# Converting Colors

YUV(112.1900, -48.4077,  
33.1594)

Have a look what the booklet for  
YUV(112.1900, -48.4077, 33.1594)  
contains.

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# Color

**YUV(112.1900, -48.4077,  
33.1594)**

# Conversions

## Conversions Part 1

Format	Color
Hex	96700E
RGB	150, 112, 14
RGB Percent	59%, 44%, 5%
CMY	0.4118, 0.5608, 0.9451
CMYK	0.00, 0.25, 0.91, 0.41
HSL	43°, 83%, 32%
HSV	43°, 91%, 59%
XYZ	18.4511, 18.1041, 2.9374
YIQ	112.1900, 54.1060, -22.4220

# Conversions

## Conversions Part 2

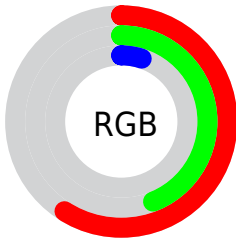
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 150, 14
Decimal	9859086
CIE <sub>Lab</sub>	49.62, 6.66, 53.16
CIE <sub>LCh</sub>	50, 53.573, 82.862
Yxy	18.1041, 0.4672, 0.4584
Android (android.graphics.Color)	4288049166 (0xFF96700E)
YUV	112.1900, -48.4077, 33.1594
Hunter-Lab	42.5489, 2.9451, 25.6911

# Details

The YUV color **112.1900, -48.4077, 33.1594** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **51.8100, 48.4077, -33.1594**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8530, -47.2555, 36.9629**, and **66.5600, -32.8141, 24.9419** is the 20% darker color. If you saturate the color by 10%, you get **108.2460, -53.3653, 36.6183**, and if you desaturate by 10%, it is **116.2480, -43.0133, 29.6005**.

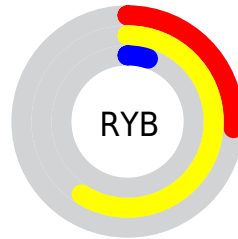
# Distribution



Red (59%)

Green (44%)

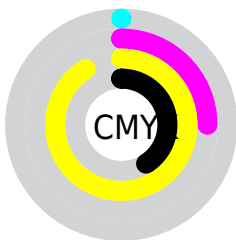
Blue (5%)



Red (26%)

Yellow (59%)

Blue (5%)

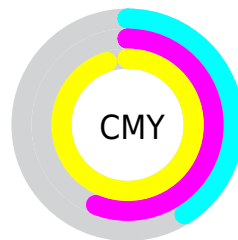


Cyan (0%)

Magenta (25%)

Yellow (91%)

Black (41%)



Cyan (41%)

Magenta (56%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 112.1900, -48.4077, 33.1594 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 112.1900, -48.4077, 33.1594 by changing the saturation by 10% instead.



■ 112.1900,  
-48.4077, 33.1594

■ 112.1900,  
-48.4077, 33.1594

■ 255.0000, 0.0000,  
0.0000

■ 88.1340, -43.4501,  
29.7005

■ 165.8530,  
-47.2555, 36.9629

■ 66.5600, -32.8141,  
24.9419

■ 193.6360,  
-48.1345, 38.9072

■ 45.2740, -22.3201,  
19.0537

■ 218.1190,  
-47.3867, 32.3446

■ 26.0590, -12.8471,  
13.9803

■ 238.2200,  
-43.9855, 14.7161

■ 3.8870, -1.9163,  
7.9921

■ 246.1080,  
-34.0702, 7.7983

■ 0.0000, 0.0000,  
0.0000

■ 249.3000,

-21.8399, 4.9989

■ 252.6060, -9.1728,  
2.0995

■ 112.1900,  
-48.4077, 33.1594

■ 112.1900,  
-48.4077, 33.1594

■ 108.2460,  
-53.3653, 36.6183

■ 116.2480,  
-43.0133, 29.6005

■ 120.3060,  
-37.6189, 26.0416

■ 124.9510,  
-32.5138, 21.9680

■ 129.0090,  
-27.1194, 18.4091

■ 133.0670,  
-21.7250, 14.8502

■ 137.1250,  
-16.3306, 11.2914

■ 141.1830,  
-10.9362, 7.7325

■ 145.8280, -5.8312,  
3.6588

■ 149.8860, -0.4368,  
0.1000

# Harmonies

## Analogous

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



114.7260, -34.3749, 58.9993



112.1900, -48.4077, 33.1594



108.4630, -42.6263, -1.2831

# Triad

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



112.1900, -48.4077, 33.1594



98.9210, 26.1679, -86.7537



121.1040, 26.0777, 35.8658

# Complementary

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



112.1900, -48.4077, 33.1594



51.8100, 48.4077, -33.1594

# 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.



117.1880, 41.8123, -17.7049



112.1900, -48.4077, 33.1594



101.4920, 43.6344, -89.0085

# Square

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



112.1900, -48.4077, 33.1594



93.5630, 5.6384, -82.0548



97.6740, 54.3907, -85.6601



116.9650, 6.9193, 67.5597



# Rectangle

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



112.1900, -48.4077, 33.1594



103.9570, -28.5728, -28.9033



97.6740, 54.3907, -85.6601



121.3840, 31.3627, 20.7112

# Sweetspot

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



112.1900, -48.4077, 33.1594



179.1530, -18.8094, 13.0208



59.1100, -3.0122, 79.7105



88.1830, -10.9362, 7.7325



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.



112.1900, -48.4077, 33.1594



140.1860, -69.1117, 47.1949



125.8250, -55.1297, -4.2315



72.0280, -2.4788, 1.7294



99.3750, -48.9919, 33.8741



7.0990, -3.4998, 2.5442



# Inverse Universe

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



51.8100, 48.4077, -33.1594



53.8140, 69.1117, -47.1949



38.1750, 55.1297, 4.2315



68.9720, 2.4788, -1.7294



38.0380, 49.2813, -33.3593



2.9010, 3.4998, -2.5442



# Previews

## White Background



This preview shows how the YUV color 112.1900, -48.4077, 33.1594 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

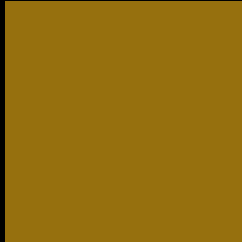
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 112.1900, -48.4077, 33.1594 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 112.1900, -48.4077, 33.1594 Background



This preview shows how black text looks on a background with the YUV color 112.1900, -48.4077, 33.1594.



This preview shows how white text looks on a background with the YUV color 112.1900, -48.4077, 33.1594.



# 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

112.1900, -48.4077, 33.1594

### Protanopia

111.4440, -47.0539, 18.9046

### Deuteranopia

112.1900, -48.4077, 33.1594



## Tritanopia

120.1610, -4.0234, 30.5538

# Trichromacy



## Original Color

112.1900, -48.4077, 33.1594

## Protanomaly

111.3630, -47.5070, 24.2376

## Deuteranomaly

112.1900, -48.4077, 33.1594

## Tritanomaly

117.2200, -20.3215, 31.3791

# Monochromacy



## Original Color

112.1900, -48.4077, 33.1594

## Achromatopsia

112.0000, 0.0000, 0.0000

## Achromatomaly

112.0820, -17.7884, 12.2061

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.1900, -48.4077, 33.1594 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, 112, 14)` looks like.

```
.text, #text, p{  
    color:rgb(150, 112, 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(150, 112, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 112, 14) }
```

## Border

The CSS property to change the border of an element to YUV 112.1900, -48.4077, 33.1594 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, 112, 14) }
```



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

```
.border{ border-color:rgb(150, 112, 14) }
```

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

Here you see how a box with a 4 pixel rgb(150, 112, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 112, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 112, 14);  
box-shadow:4px 4px 4px 4px rgb(150, 112,  
14) }
```

# Background

The CSS property to change the background color of an element to YUV 112.1900, -48.4077, 33.1594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 112, 14) }
```

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

```
.background{ background-color: rgb(150,  
112, 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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