

# Converting Colors

YUV(147.7420, -55.5818,  
47.5843)

Have a look what the booklet for  
YUV(147.7420, -55.5818, 47.5843)  
contains.

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# Color

**YUV(147.7420, -55.5818,  
47.5843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CA8E23
RGB	202, 142, 35
RGB Percent	79%, 56%, 14%
CMY	0.2078, 0.4431, 0.8627
CMYK	0.00, 0.30, 0.83, 0.21
HSL	38°, 70%, 46%
HSV	38°, 83%, 79%
XYZ	34.3335, 32.0239, 5.9618
YIQ	147.7420, 70.1070, -20.5570

# Conversions

## Conversions Part 2

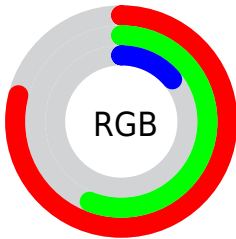
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 202, 35
Decimal	13274659
CIELab	63.36, 14.01, 60.89
CIELCh	63, 62.478, 77.040
Yxy	32.0239, 0.4747, 0.4428
Android (android.graphics.Color)	4291464739 (0xFFCA8E23)
YUV	147.7420, -55.5818, 47.5843
Hunter-Lab	56.5897, 9.2657, 33.3665

# Details

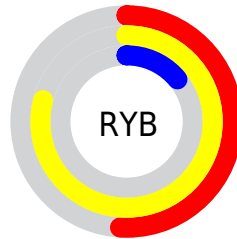
The YUV color **147.7420, -55.5818, 47.5843** is a dark color, and the websafe version is hex **CC9933**. The color can be described as dark muted orange. A complement of this color would be **89.2580, 55.5818, -47.5843**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5570, -54.9976, 46.8695**, and **96.7610, -47.7032, 40.5516** is the 20% darker color. If you saturate the color by 10%, you get **141.3530, -62.2920, 53.1874**, and if you desaturate by 10%, it is **154.1310, -48.8716, 41.9811**.

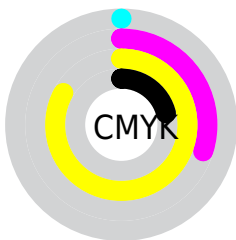
# Distribution



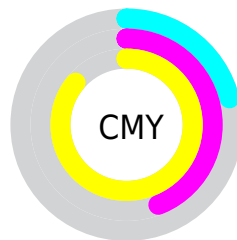
- Red (79%)
- Green (56%)
- Blue (14%)



- Red (51%)
- Yellow (79%)
- Blue (14%)



- Cyan (0%)
- Magenta (30%)
- Yellow (83%)
- Black (21%)



- Cyan (21%)
- Magenta (44%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.7420, -55.5818, 47.5843 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 147.7420, -55.5818, 47.5843 by changing the saturation by 10% instead.



■ 147.7420,  
-55.5818, 47.5843

■ 147.7420,  
-55.5818, 47.5843

■ 255.0000, 0.0000,  
0.0000

■ 120.1070,  
-59.2128, 45.5102

■ 201.5570,  
-54.9976, 46.8695

■ 96.7610, -47.7032,  
40.5516

■ 220.4840,  
-51.0176, 30.2705

■ 74.0020, -36.4830,  
35.0782

■ 240.5850,  
-47.6164, 12.6420

■ 52.7160, -25.9890,  
29.1901

■ 245.4240,  
-36.6910, 8.3982

■ 32.3160, -15.9318,  
23.4019

■ 248.7300,  
-24.0239, 5.4988

■ 11.0520, -5.4486,  
21.0024

■ 251.9220,

■ 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 147.7420,  
-55.5818, 47.5843

■ 147.7420,  
-55.5818, 47.5843

■ 141.3530,  
-62.2920, 53.1874

■ 154.1310,  
-48.8716, 41.9811

■ 136.1210,  
-67.1077, 57.7759

■ 161.1070,  
-42.4508, 35.8632

■ 167.6100,  
-35.3037, 30.1600

■ 173.9990,  
-28.5935, 24.5569

■ 180.3880,  
-21.8833, 18.9537

■ 187.3640,  
-15.4625, 12.8358

■ 193.7530, -8.7522,  
7.2326

■ 200.2560, -1.6052,  
1.5295

■ 206.6450, 5.1050,  
-4.0737

# Harmonies

## Analogous

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



149.4510, -37.1973, 77.6575



147.7420, -55.5818, 47.5843



143.1300, -54.2941, 7.7790

# Triad

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



147.7420, -55.5818, 47.5843



126.6360, 28.2805, -111.0598



158.1990, 35.3979, 33.1515

# Complementary

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



147.7420, -55.5818, 47.5843



89.2580, 55.5818, -47.5843

# 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.



148.5260, 52.4917, -36.4183



147.7420, -55.5818, 47.5843



130.5750, 50.9885, -114.5143

# Square

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



147.7420, -55.5818, 47.5843



118.9640, 3.9617, -104.3314



127.0990, 63.0552, -111.4658



153.9260, 12.8545, 77.2409



# Rectangle

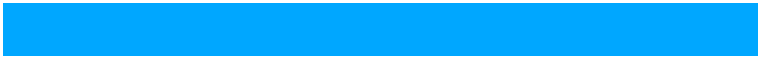
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



147.7420, -55.5818, 47.5843



138.8900, -40.3718, -24.4595



127.0990, 63.0552, -111.4658



157.2010, 42.2989, 12.9787

# Sweetspot

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



147.7420, -55.5818, 47.5843



234.2030, -21.2991, 18.2390



91.8870, 2.0277, 96.5691



115.3360, -12.9836, 11.1063



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.



147.7420, -55.5818, 47.5843



172.8550, -83.7385, 72.0412



176.3840, -69.7023, 3.1712



98.5120, -3.2104, 3.0590



111.8560, -55.1450, 47.4843



26.0370, -12.8362, 10.4916



# Inverse Universe

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



89.2580, 55.5818, -47.5843



84.5580, 84.0279, -71.5264



60.6160, 69.7023, -3.1712



94.9010, 3.4998, -2.5442



54.1440, 55.1450, -47.4843



12.5500, 12.5468, -11.0064



# Previews

## White Background



This preview shows how the YUV color 147.7420, -55.5818, 47.5843 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 147.7420, -55.5818, 47.5843 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 147.7420, -55.5818, 47.5843

## Background



This preview shows how black text looks on a background with the YUV color 147.7420, -55.5818, 47.5843.



This preview shows how white text looks on a background with the YUV color 147.7420, -55.5818,



# 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

147.7420, -55.5818, 47.5843

### Protanopia

146.4570, -53.4693, 23.2782

### Deuteranopia

147.4700, -56.4337, 40.8068



## Tritanopia

155.8640, -6.8350, 45.7233

# Trichromacy



## Original Color

147.7420, -55.5818, 47.5843

## Protanomaly

147.2840, -54.3700, 32.1999

## Deuteranomaly

147.8940, -56.1497, 43.0660

## Tritanomaly

153.1680, -24.7328, 46.3337

# Monochromacy



## Original Color

147.7420, -55.5818, 47.5843

## Achromatopsia

148.0000, 0.0000, 0.0000

## Achromatomaly

148.1320, -20.2781, 17.4242

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.7420, -55.5818, 47.5843 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(202, 142, 35)` looks like.

```
.text, #text, p{  
    color:rgb(202, 142, 35)  
}
```

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(202, 142, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 142, 35) }
```

## Border

The CSS property to change the border of an element to YUV 147.7420, -55.5818, 47.5843 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(202, 142, 35) }
```



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

```
.border{ border-color:rgb(202, 142, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 142, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 142, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 142, 35);  
box-shadow:4px 4px 4px 4px rgb(202, 142,  
35) }
```

# Background

The CSS property to change the background color of an element to YUV 147.7420, -55.5818, 47.5843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 142, 35) }
```

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

```
.background{ background-color: rgb(202,  
142, 35) }
```

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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