

# Converting Colors

YUV(99.5200, -38.7104,  
49.5330)

Have a look what the booklet for  
YUV(99.5200, -38.7104, 49.5330)  
contains.

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# Color

**YUV(99.5200, -38.7104,  
49.5330)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C5615
RGB	156, 86, 21
RGB Percent	61%, 34%, 8%
CMY	0.3882, 0.6627, 0.9176
CMYK	0.00, 0.45, 0.87, 0.39
HSL	29°, 76%, 35%
HSV	29°, 87%, 61%
XYZ	17.1734, 13.7776, 2.4637
YIQ	99.5200, 62.5850, -5.3750

# Conversions

## Conversions Part 2

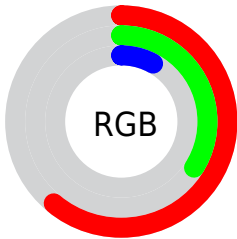
Format	Color
R <sub>Y</sub> B	156, 146, 21
Decimal	10245653
CIE Lab	43.91, 24.42, 46.73
CIE LCh	44, 52.727, 62.404
Yxy	13.7776, 0.5139, 0.4123
Android (android.graphics.Color)	4288435733 (0xFF9C5615)
YUV	99.5200, -38.7104, 49.5330
Hunter-Lab	37.1182, 17.6294, 22.0475

# Details

The YUV color **99.5200, -38.7104, 49.5330** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **77.4800, 38.7104, -49.5330**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2110, -40.0370, 55.0660**, and **52.4940, -25.8795, 40.7858** is the 20% darker color. If you saturate the color by 10%, you get **93.0000, -43.3840, 55.2510**, and if you desaturate by 10%, it is **106.0400, -34.0367, 43.8149**.

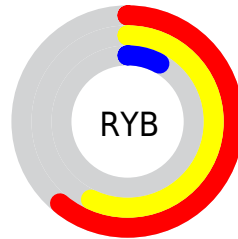
# Distribution



Red (61%)

Green (34%)

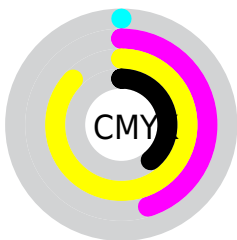
Blue (8%)



Red (61%)

Yellow (57%)

Blue (8%)

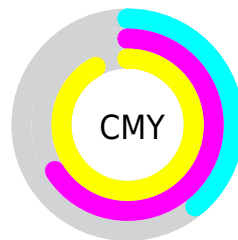


Cyan (0%)

Magenta (45%)

Yellow (87%)

Black (39%)



Cyan (39%)

Magenta (66%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.5200, -38.7104, 49.5330 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 99.5200, -38.7104, 49.5330 by changing the saturation by 10% instead.



■ 99.5200, -38.7104,  
49.5330

■ 99.5200, -38.7104,  
49.5330

255.0000, 0.0000,  
0.0000

■ 74.3670, -36.6629,  
46.1591

■ 152.2110,  
-40.0370, 55.0660

■ 52.4940, -25.8795,  
40.7858

■ 180.1790,  
-41.5002, 57.7250

■ 31.2080, -15.3855,  
34.8976

■ 201.6830,  
-39.2837, 46.7590

■ 13.4550, -6.6333,  
27.6650

■ 221.0830,  
-36.0299, 29.7452

■ 0.0000, 0.0000,  
0.0000

■ 241.1840,  
-32.6287, 12.1166

■ 249.0720,

-22.7135, 5.1989

■ 252.3780,  
-10.0464, 2.2995

■ 99.5200, -38.7104,  
49.5330

■ 99.5200, -38.7104,  
49.5330

■ 93.0000, -43.3840,  
55.2510

■ 106.0400,  
-34.0367, 43.8149

■ 90.6690, -44.6998,  
57.2953

■ 112.4460,  
-29.7999, 38.1969

■ 118.9660,  
-25.1262, 32.4788

■ 125.3720,  
-20.8894, 26.8608

■ 131.8920,  
-16.2158, 21.1427

■ 138.9990,  
-11.8315, 14.9099

■ 145.4050, -7.5947,  
9.2918

■ 151.9250, -2.9210,  
3.5738

■ 158.3310, 1.3158,  
-2.0443

# Harmonies

## Analogous

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



99.2770, -19.8566, 69.0401



99.5200, -38.7104, 49.5330



96.9390, -47.7909, 21.9785

# Triad

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



99.5200, -38.7104, 49.5330



84.8720, 10.4161, -74.4327



106.0010, 35.4955, 1.7531

# Complementary

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



99.5200, -38.7104, 49.5330



77.4800, 38.7104, -49.5330

# 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.



85.2840, 52.6110, -74.7941



99.5200, -38.7104, 49.5330



89.3010, 29.9246, -78.3170

# Square

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



99.5200, -38.7104, 49.5330



77.9810, -8.3716, -68.3893



90.4870, 44.6229, -79.3571



105.1610, 19.6406, 47.2168



# Rectangle

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



99.5200, -38.7104, 49.5330



93.3060, -44.5209, -0.2684



90.4870, 44.6229, -79.3571



101.9490, 40.9441, -19.2493

# Sweetspot

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



99.5200, -38.7104, 49.5330



181.5220, -15.0473, 19.7132



69.5730, 11.5495, 75.7965



88.9600, -9.3473, 11.4361



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



99.5200, -38.7104, 49.5330



118.5220, -58.4313, 74.9642



138.2620, -57.8102, 15.5562



75.7400, -2.3368, 2.8590



83.2600, -41.0472, 52.3920



8.5940, -4.2368, 5.6181



# Inverse Universe

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



77.4800, 38.7104, -49.5330



85.4780, 58.4313, -74.9642



38.7380, 57.8102, -15.5562



74.2600, 2.3368, -2.8590



59.7400, 41.0472, -52.3920



6.4060, 4.2368, -5.6181



# Previews

## White Background



This preview shows how the YUV color 99.5200, -38.7104, 49.5330 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 99.5200, -38.7104, 49.5330 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

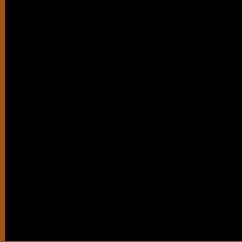
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 99.5200, -38.7104, 49.5330

## Background



This preview shows how black text looks on a background with the YUV color 99.5200, -38.7104, 49.5330.



This preview shows how white text looks on a background with the YUV color 99.5200, -38.7104,



# 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

99.5200, -38.7104, 49.5330

### Protanopia

99.5820, -36.2759, 15.2756

### Deuteranopia

98.9490, -42.8659, 28.9857



## Tritanopia

104.3050, -9.0244, 47.9675

# Trichromacy



## Original Color

99.5200, -38.7104, 49.5330

## Protanomaly

99.4310, -37.1875, 27.6860

## Deuteranomaly

99.0470, -41.4352, 36.7928

## Tritanomaly

102.4440, -19.9389, 48.7226

# Monochromacy



## Original Color

99.5200, -38.7104, 49.5330

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

99.7390, -14.1683, 17.7689

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.5200, -38.7104, 49.5330 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(156, 86, 21)` looks like.

```
.text, #text, p{  
    color:rgb(156, 86, 21)  
}
```

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(156, 86, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 86, 21) }
```

## Border

The CSS property to change the border of an element to YUV 99.5200, -38.7104, 49.5330 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(156, 86, 21) }
```



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

```
.border{ border-color:rgb(156, 86, 21) }
```

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

Here you see how a box with a 4 pixel rgb(156, 86, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 86, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 86, 21);  
box-shadow:4px 4px 4px 4px rgb(156, 86,  
21) }
```

# Background

The CSS property to change the background color of an element to YUV 99.5200, -38.7104, 49.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 86, 21) }
```

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

```
.background{ background-color: rgb(156, 86,  
21) }
```

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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