

# Converting Colors

YUV(89.8010, -34.9049,  
42.2705)

Have a look what the booklet for  
YUV(89.8010, -34.9049, 42.2705)  
contains.

<b>YUV(89.8010, -34.9049, 42.2705)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(89.8010, -34.9049,  
42.2705)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A4F13
RGB	138, 79, 19
RGB Percent	54%, 31%, 7%
CMY	0.4588, 0.6902, 0.9255
CMYK	0.00, 0.43, 0.86, 0.46
HSL	30°, 76%, 31%
HSV	30°, 86%, 54%
XYZ	13.3948, 11.0423, 2.0415
YIQ	89.8010, 54.4240, -6.1520

# Conversions

## Conversions Part 2

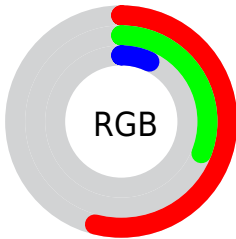
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 138, 19
Decimal	9064211
CIE Lab	39.65, 20.32, 42.82
CIE LCh	40, 47.395, 64.613
Yxy	11.0423, 0.5059, 0.4170
Android (android.graphics.Color)	4287254291 (0xFF8A4F13)
YUV	89.8010, -34.9049, 42.2705
Hunter-Lab	33.2299, 13.7999, 19.6184

# Details

The YUV color **89.8010, -34.9049, 42.2705** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **67.1990, 34.9049, -42.2705**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.0790, -36.5209, 47.2887**, and **44.4760, -21.9267, 32.9085** is the 20% darker color. If you saturate the color by 10%, you get **84.0960, -38.9943, 47.2738**, and if you desaturate by 10%, it is **95.5060, -30.8155, 37.2672**.

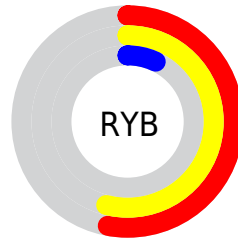
# Distribution



Red (54%)

Green (31%)

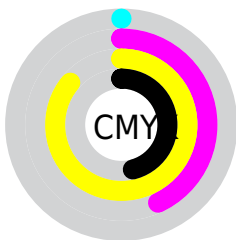
Blue (7%)



Red (53%)

Yellow (54%)

Blue (7%)

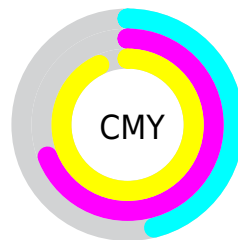


Cyan (0%)

Magenta (43%)

Yellow (86%)

Black (46%)



Cyan (46%)

Magenta (69%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.8010, -34.9049, 42.2705 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 89.8010, -34.9049, 42.2705 by changing the saturation by 10% instead.



■ 89.8010, -34.9049,  
42.2705

■ 89.8010, -34.9049,  
42.2705

255.0000, 0.0000,  
0.0000

■ 65.7620, -32.4207,  
38.7967

■ 142.0790,  
-36.5209, 47.2887

■ 44.4760, -21.9267,  
32.9085

■ 169.1610,  
-37.5474, 49.8478

■ 23.4890, -11.5801,  
27.6351

■ 196.5310,  
-38.7158, 51.2773

■ 9.9810, -4.4276,  
20.1877


■ 215.3440,  
-35.1726, 34.7783


■ 0.0000, 0.0000,  
0.0000


■ 235.4450,  
-31.7714, 17.1497


■ 248.6160,


-24.4607, 5.5988


 251.8080,  
-12.2303, 2.7994


 89.8010, -34.9049,  
42.2705

 89.8010, -34.9049,  
42.2705


 84.0960, -38.9943,  
47.2738


 95.5060, -30.8155,  
37.2672

 82.3520, -40.5995,  
48.8033

 101.2110,  
-26.7260, 32.2640

 106.8020,  
-23.0734, 27.3606

 111.9200,  
-18.6946, 22.8722

 117.6250,  
-14.6051, 17.8689

■ 123.3300,  
-10.5157, 12.8656

■ 129.0350, -6.4263,  
7.8623

■ 134.6260, -2.7736,  
2.9590

■ 140.3310, 1.3158,  
-2.0443

# Harmonies

## Analogous

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



90.1510, -18.8084, 59.5036



89.8010, -34.9049, 42.2705



87.1710, -42.9753, 17.3900

# Triad

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



89.8010, -34.9049, 42.2705



76.3290, 10.6838, -66.9405



95.0570, 30.5379, 5.2120

# Complementary

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



89.8010, -34.9049, 42.2705



67.1990, 34.9049, -42.2705

# 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.



75.8460, 46.9109, -66.5169



89.8010, -34.9049, 42.2705



80.6610, 27.2821, -70.7397

# Square

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



89.8010, -34.9049, 42.2705



70.5950, -6.2093, -61.9118



80.8040, 40.5226, -70.8651



94.5150, 16.0151, 43.3983



# Rectangle

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



89.8010, -34.9049, 42.2705



84.7600, -36.3637, -3.2975



80.8040, 40.5226, -70.8651



92.7990, 35.1021, -12.1017

# Sweetspot

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



89.8010, -34.9049, 42.2705



159.5540, -13.5841, 17.0541



61.3070, 8.2296, 67.2598



78.2910, -8.0315, 9.3918



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



89.8010, -34.9049, 42.2705



106.3510, -52.4310, 63.7132



124.4340, -51.9790, 11.8974



65.8540, -1.9000, 2.7590



79.0960, -38.9943, 47.2738



3.2560, -1.6052, 1.5295



# Inverse Universe

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



67.1990, 34.9049, -42.2705



72.6490, 52.4310, -63.7132



32.5660, 51.9790, -11.8974



64.5590, 2.1894, -2.2442



53.9040, 38.9943, -47.2738



2.3310, 1.3158, -2.0443



# Previews

## White Background



This preview shows how the YUV color 89.8010, -34.9049, 42.2705 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 89.8010, -34.9049, 42.2705 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

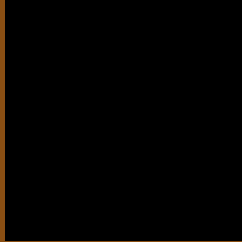
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 89.8010, -34.9049, 42.2705

## Background



This preview shows how black text looks on a background with the YUV color 89.8010, -34.9049, 42.2705.



This preview shows how white text looks on a background with the YUV color 89.8010, -34.9049,



# 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

89.8010, -34.9049, 42.2705

### Protanopia

89.4940, -32.7815, 14.4758

### Deuteranopia

89.1920, -38.0557, 26.1416



## Tritanopia

94.6030, -7.6923, 40.6902

# Trichromacy



## Original Color

89.8010, -34.9049, 42.2705

## Protanomaly

90.0330, -33.5403, 24.5271

## Deuteranomaly

89.2790, -36.6195, 32.2043

## Tritanomaly

92.9700, -17.7332, 41.2453

# Monochromacy



## Original Color

89.8010, -34.9049, 42.2705

## Achromatopsia

90.0000, 0.0000, 0.0000

## Achromatomaly

89.7710, -12.7051, 15.1098

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.8010, -34.9049, 42.2705 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(138, 79, 19)` looks like.

```
.text, #text, p{  
    color:rgb(138, 79, 19)  
}
```

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(138, 79, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 79, 19) }
```

## Border

The CSS property to change the border of an element to YUV 89.8010, -34.9049, 42.2705 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(138, 79, 19) }
```



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

```
.border{ border-color:rgb(138, 79, 19) }
```

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

Here you see how a box with a 4 pixel rgb(138, 79, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 79, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 79, 19);  
box-shadow:4px 4px 4px 4px rgb(138, 79,  
19) }
```

# Background

The CSS property to change the background color of an element to YUV 89.8010, -34.9049, 42.2705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 79, 19) }
```

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

```
.background{ background-color: rgb(138, 79,  
19) }
```

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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