

# Converting Colors

YUV(88.4710, -24.3892,  
29.4049)

Have a look what the booklet for  
YUV(88.4710, -24.3892, 29.4049)  
contains.

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# Color

**YUV(88.4710, -24.3892,  
29.4049)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7A5127
RGB	122, 81, 39
RGB Percent	48%, 32%, 15%
CMY	0.5216, 0.6824, 0.8471
CMYK	0.00, 0.34, 0.68, 0.52
HSL	30°, 52%, 32%
HSV	30°, 68%, 48%
XYZ	11.3347, 10.1689, 3.2849
YIQ	88.4710, 37.9180, -4.3700

# Conversions

## Conversions Part 2

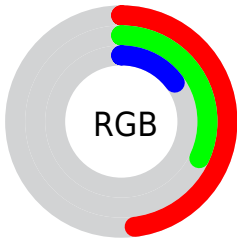
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 122, 39
Decimal	8016167
CIE Lab	38.14, 12.73, 31.09
CIE LCh	38, 33.596, 67.734
Yxy	10.1689, 0.4573, 0.4102
Android (android.graphics.Color)	4286206247 (0xFF7A5127)
YUV	88.4710, -24.3892, 29.4049
Hunter-Lab	31.8887, 7.6415, 16.2147

# Details

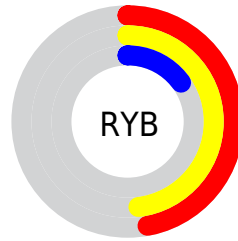
The YUV color **88.4710, -24.3892, 29.4049** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **72.5290, 24.3892, -29.4049**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.0370, -26.1472, 33.2936**, and **42.0620, -20.7366, 24.5016** is the 20% darker color. If you saturate the color by 10%, you get **83.5810, -27.8944, 33.6935**, and if you desaturate by 10%, it is **93.3610, -20.8840, 25.1164**.

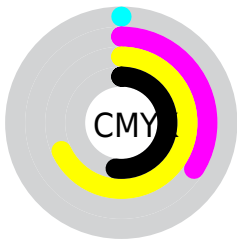
# Distribution



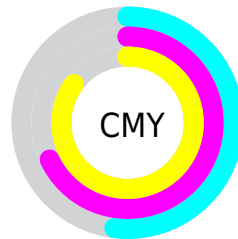
- Red (48%)
- Green (32%)
- Blue (15%)



- Red (47%)
- Yellow (48%)
- Blue (15%)



- Cyan (0%)
- Magenta (34%)
- Yellow (68%)
- Black (52%)



- Cyan (52%)
- Magenta (68%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 88.4710, -24.3892, 29.4049 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 88.4710, -24.3892, 29.4049 by changing the saturation by 10% instead.



■ 88.4710, -24.3892,  
29.4049

■ 88.4710, -24.3892,  
29.4049

■ 255.0000, 0.0000,  
0.0000

■ 64.3890, -23.3628,  
26.8458

■ 139.0370,  
-26.1472, 33.2936

■ 42.0620, -20.7366,  
24.5016

■ 165.8200,  
-27.0263, 35.2379

■ 22.5480, -11.1162,  
18.8134

■ 193.1900,  
-28.1947, 36.6674

■ 3.5880, -1.7689,  
7.3773

■ 218.6840,  
-27.4522, 31.8491

■ 0.0000, 0.0000,  
0.0000

■ 238.1980,  
-23.7616, 14.7354

■ 250.7820,

-16.1615, 3.6992

254.0880, -3.4944,  
0.7998

88.4710, -24.3892,  
29.4049

88.4710, -24.3892,  
29.4049

83.5810, -27.8944,  
33.6935

93.3610, -20.8840,  
25.1164

78.6910, -31.3997,  
37.9820

98.2510, -17.3787,  
20.8279

73.6870, -35.3417,  
42.3705

103.2550,  
-13.4367, 16.4394

72.8720, -35.9259,  
43.0853

108.1450, -9.9315,  
12.1508

113.0350, -6.4263,  
7.8623

■ 117.9250, -2.9210,  
3.5738

■ 122.8150, 0.5842,  
-0.7148

■ 127.8190, 4.5262,  
-5.1033

■ 132.7090, 8.0315,  
-9.3918

# Harmonies

## Analogous

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



89.2520, -15.4072, 41.8750



88.4710, -24.3892, 29.4049



86.7800, -26.5135, 10.7169

# Triad

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



88.4710, -24.3892, 29.4049



71.4050, 12.1253, -62.6222



92.3210, 20.0547, 7.6115

# Complementary

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



88.4710, -24.3892, 29.4049



72.5290, 24.3892, -29.4049

# 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.



85.6910, 28.7463, -26.9160



88.4710, -24.3892, 29.4049



73.7820, 23.7715, -64.7068

# Square

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



88.4710, -24.3892, 29.4049



76.2970, -4.0904, -41.4795



73.4860, 32.7914, -64.4472



92.3150, 9.2117, 32.1727



# Rectangle

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



88.4710, -24.3892, 29.4049



84.7180, -22.5390, -4.1377



73.4860, 32.7914, -64.4472



90.7650, 23.2869, -2.4249

# Sweetspot

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



88.4710, -24.3892, 29.4049



144.9600, -9.3473, 11.4361



68.6050, 6.1107, 46.8274



71.5510, -5.6946, 6.5328



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



88.4710, -24.3892, 29.4049



105.6120, -38.2627, 45.9443



112.5380, -36.2542, 8.2982



58.5550, -1.7526, 2.1443



74.3560, -36.6575, 44.4148



150.4840, -74.1886, 89.0295



# Inverse Universe

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



72.5290, 24.3892, -29.4049



80.3880, 38.2627, -45.9443



48.4620, 36.2542, -8.2982



57.4450, 1.7526, -2.1443



50.6440, 36.6575, -44.4148



102.1030, 73.8992, -89.5443



# Previews

## White Background



This preview shows how the YUV color 88.4710, -24.3892, 29.4049 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 88.4710, -24.3892, 29.4049 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

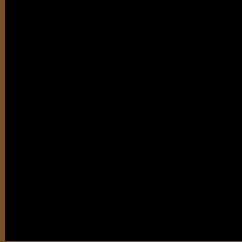
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 88.4710, -24.3892, 29.4049

## Background



This preview shows how black text looks on a background with the YUV color 88.4710, -24.3892, 29.4049.



This preview shows how white text looks on a background with the YUV color 88.4710, -24.3892,



# 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

88.4710, -24.3892, 29.4049

### Protanopia

87.5180, -22.4404, 10.9467

### Deuteranopia

88.3020, -24.7989, 20.7831



## Tritanopia

91.3350, -4.6022, 29.5242

# Trichromacy



## Original Color

88.4710, -24.3892, 29.4049

## Protanomaly

88.0350, -23.1883, 17.5093

## Deuteranomaly

88.3240, -24.8097, 24.2719

## Tritanomaly

90.3860, -12.0223, 29.4795

# Monochromacy



## Original Color

88.4710, -24.3892, 29.4049

## Achromatopsia

88.0000, 0.0000, 0.0000

## Achromatomaly

87.7750, -8.7631, 10.7213

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.4710, -24.3892, 29.4049 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(122, 81, 39)` looks like.

```
.text, #text, p{  
    color:rgb(122, 81, 39)  
}
```

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(122, 81, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 81, 39) }
```

## Border

The CSS property to change the border of an element to YUV 88.4710, -24.3892, 29.4049 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(122, 81, 39) }
```



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

```
.border{ border-color:rgb(122, 81, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 81, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 81, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 81, 39);  
box-shadow:4px 4px 4px 4px rgb(122, 81,  
39) }
```

# Background

The CSS property to change the background color of an element to YUV 88.4710, -24.3892, 29.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 81, 39) }
```

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

```
.background{ background-color: rgb(122, 81,  
39) }
```

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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