

# Converting Colors

YUV(124.7710, -49.6801,  
21.2488)

Have a look what the booklet for  
YUV(124.7710, -49.6801, 21.2488)  
contains.

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# Color

**YUV(124.7710, -49.6801,  
21.2488)**

# Conversions

## Conversions Part 1

Format	Color
Hex	958418
RGB	149, 132, 24
RGB Percent	58%, 52%, 9%
CMY	0.4157, 0.4824, 0.9059
CMYK	0.00, 0.11, 0.84, 0.42
HSL	52°, 72%, 34%
HSV	52°, 84%, 58%
XYZ	20.8106, 22.9580, 4.1987
YIQ	124.7710, 44.8000, -29.9840

# Conversions

## Conversions Part 2

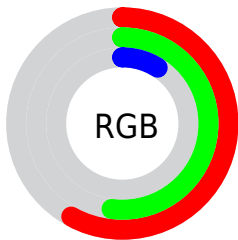
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 149, 24
Decimal	9798680
CIE Lab	55.03, -4.80, 54.90
CIE LCh	55, 55.104, 94.997
Yxy	22.9580, 0.4338, 0.4786
Android (android.graphics.Color)	4287988760 (0xFF958418)
YUV	124.7710, -49.6801, 21.2488
Hunter-Lab	47.9145, -6.3232, 28.3447

# Details

The YUV color **124.7710, -49.6801, 21.2488** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **48.2290, 49.6801, -21.2488**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.1950, -49.3961, 23.5080**, and **76.8270, -37.8757, 15.0607** is the 20% darker color. If you saturate the color by 10%, you get **121.8870, -55.6533, 23.7781**, and if you desaturate by 10%, it is **127.6550, -43.7069, 18.7196**.

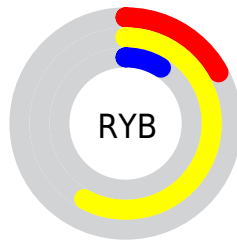
# Distribution



Red (58%)

Green (52%)

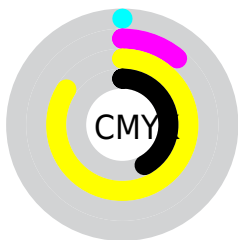
Blue (9%)



Red (17%)

Yellow (58%)

Blue (9%)

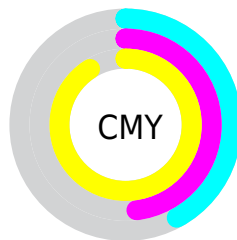


Cyan (0%)

Magenta (11%)

Yellow (84%)

Black (42%)



Cyan (42%)

Magenta (48%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.7710, -49.6801, 21.2488 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 124.7710, -49.6801, 21.2488 by changing the saturation by 10% instead.



■ 124.7710,  
-49.6801, 21.2488

■ 124.7710,  
-49.6801, 21.2488

■ 255.0000, 0.0000,  
0.0000

■ 98.9880, -48.8011,  
19.3045

■ 179.1950,  
-49.3961, 23.5080

■ 76.8270, -37.8757,  
15.0607

■ 207.0920,  
-49.8384, 25.3523

■ 55.5520, -27.3871,  
10.9169

■ 232.7600,  
-49.6747, 19.5045

■ 35.4510, -17.4773,  
5.7435

■ 244.1700,  
-41.4958, 9.4979

■ 15.6380, -7.7095,  
-0.5595

■ 247.3620,  
-29.2655, 6.6985

■ 0.0000, 0.0000,  
0.0000

■ 250.5540,

-17.0351, 3.8991

253.8600, -4.3680,  
0.9998

124.7710,  
-49.6801, 21.2488

124.7710,  
-49.6801, 21.2488

121.8870,  
-55.6533, 23.7781

127.6550,  
-43.7069, 18.7196

120.2740,  
-59.2951, 25.1927

130.5390,  
-37.7337, 16.1903

133.4230,  
-31.7605, 13.6610

136.3070,  
-25.7874, 11.1318

139.1910,  
-19.8142, 8.6025

■ 141.9610,  
-14.2778, 6.1732

■ 144.8450, -8.3046,  
3.6439

■ 147.7290, -2.3314,  
1.1147

■ 150.6130, 3.6418,  
-1.4146

# Harmonies

## Analogous

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



127.9180, -42.3576, 52.6919



124.7710, -49.6801, 21.2488



119.4870, -35.7361, -17.9671

# Triad

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



124.7710, -49.6801, 21.2488



110.9010, 36.5308, -97.2602



134.0910, 19.1821, 54.2942

# Complementary

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



124.7710, -49.6801, 21.2488



48.2290, 49.6801, -21.2488

# 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.



135.0880, 36.9316, 7.8158



124.7710, -49.6801, 21.2488



111.1410, 52.6815, -97.4707

# Square

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



124.7710, -49.6801, 21.2488



106.2440, 16.1487, -93.1760



112.2990, 56.5476, -77.4382



129.7290, -1.8384, 76.5367



# Rectangle

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



124.7710, -49.6801, 21.2488



112.0340, -18.7508, -52.6498



112.2990, 56.5476, -77.4382



135.6100, 25.3353, 40.6840

# Sweetspot

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



124.7710, -49.6801, 21.2488



184.3050, -19.3774, 8.5025



63.5410, -10.1267, 74.9475



91.3460, -11.5096, 4.9586



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.



124.7710, -49.6801, 21.2488



156.0350, -76.9253, 33.2953



121.5940, -48.1138, -14.5529



72.6150, -2.7682, 1.2146



111.1150, -54.7797, 23.5781



8.2730, -4.0786, 1.5146



# Inverse Universe

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



48.2290, 49.6801, -21.2488



37.3780, 77.2146, -32.7805



51.4060, 48.1138, 14.5529



68.3850, 2.7682, -1.2146



26.8850, 54.7797, -23.5781

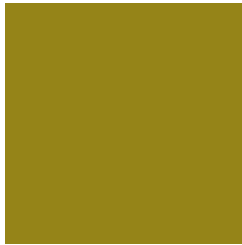


1.7270, 4.0786, -1.5146



# Previews

## White Background



This preview shows how the YUV color 124.7710, -49.6801, 21.2488 looks on a white 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



# Black Background



This preview shows how the YUV color 124.7710, -49.6801, 21.2488 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 124.7710, -49.6801, 21.2488

## Background



This preview shows how black text looks on a background with the YUV color 124.7710, -49.6801, 21.2488.



This preview shows how white text looks on a background with the YUV color 124.7710, -49.6801, 21.2488.



# 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

124.7710, -49.6801, 21.2488

### Protanopia

124.4720, -49.5327, 20.6341

### Deuteranopia

126.2010, -48.4131, 34.9037



## Tritanopia

133.8930, -0.9332, 19.3878

# Trichromacy



## Original Color

124.7710, -49.6801, 21.2488

## Protanomaly

124.4720, -49.5327, 20.6341

## Deuteranomaly

126.0540, -48.8336, 29.7706

## Tritanomaly

130.3110, -18.3943, 19.8983

# Monochromacy



## Original Color

124.7710, -49.6801, 21.2488

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

125.2340, -18.3564, 7.6878

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.7710, -49.6801, 21.2488 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(149, 132, 24)` looks like.

```
.text, #text, p{  
    color:rgb(149, 132, 24)  
}
```

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(149, 132, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 132, 24) }
```

## Border

The CSS property to change the border of an element to YUV 124.7710, -49.6801, 21.2488 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(149, 132, 24) }
```



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

```
.border{ border-color:rgb(149, 132, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 132, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 132, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 132, 24);  
box-shadow:4px 4px 4px 4px rgb(149, 132,  
24) }
```

# Background

The CSS property to change the background color of an element to YUV 124.7710, -49.6801, 21.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 132, 24) }
```

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

```
.background{ background-color: rgb(149,  
132, 24) }
```

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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