

# Converting Colors

YUV(97.5410, -23.9307,  
22.3275)

Have a look what the booklet for  
YUV(97.5410, -23.9307, 22.3275)  
contains.

<b>YUV(97.5410, -23.9307, 22.3275)</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(97.5410, -23.9307,  
22.3275)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7B5E31
RGB	123, 94, 49
RGB Percent	48%, 37%, 19%
CMY	0.5176, 0.6314, 0.8078
CMYK	0.00, 0.24, 0.60, 0.52
HSL	36°, 43%, 34%
HSV	36°, 60%, 48%
XYZ	12.7255, 12.4381, 4.6358
YIQ	97.5410, 31.7290, -7.8470

# Conversions

## Conversions Part 2

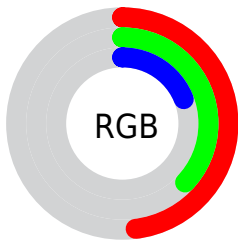
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 123, 49
Decimal	8085041
CIELab	41.90, 6.20, 30.00
CIELCh	42, 30.632, 78.318
Yxy	12.4381, 0.4270, 0.4174
Android (android.graphics.Color)	4286275121 (0xFF7B5E31)
YUV	97.5410, -23.9307, 22.3275
Hunter-Lab	35.2677, 2.6887, 16.8939

# Details

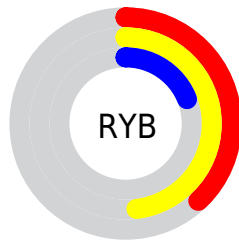
The YUV color **97.5410, -23.9307, 22.3275** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **74.4590, 23.9307, -22.3275**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8080, -25.5413, 25.6014**, and **49.6330, -23.4831, 18.7389** is the 20% darker color. If you saturate the color by 10%, you get **93.2380, -27.7253, 26.1013**, and if you desaturate by 10%, it is **101.8440, -20.1361, 18.5538**.

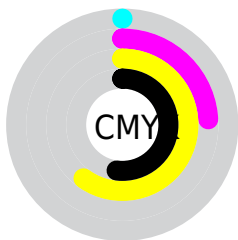
# Distribution



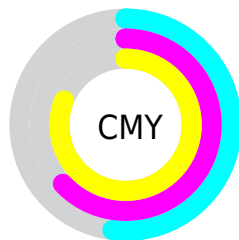
- Red (48%)
- Green (37%)
- Blue (19%)



- Red (38%)
- Yellow (48%)
- Blue (19%)



- Cyan (0%)
- Magenta (24%)
- Yellow (60%)
- Black (52%)



- Cyan (52%)
- Magenta (63%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.5410, -23.9307, 22.3275 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 97.5410, -23.9307, 22.3275 by changing the saturation by 10% instead.



■ 97.5410, -23.9307,  
22.3275

■ 97.5410, -23.9307,  
22.3275

255.0000, 0.0000,  
0.0000

■ 73.0570, -23.1991,  
20.9980

■ 148.8080,  
-25.5413, 25.6014

■ 49.6330, -23.4831,  
18.7389

■ 175.8790,  
-26.5623, 26.4161

■ 29.9020, -14.7417,  
14.9949

■ 203.3630,  
-27.2940, 27.7456

■ 7.7520, -3.8217,  
12.4955

■ 228.8570,  
-26.5515, 22.9274

■ 0.0000, 0.0000,  
0.0000

■ 248.9580,  
-23.1503, 5.2988

■ 252.1500,

-10.9200, 2.4994

■ 97.5410, -23.9307,  
22.3275

■ 97.5410, -23.9307,  
22.3275

■ 93.2380, -27.7253,  
26.1013

■ 101.8440,  
-20.1361, 18.5538

■ 88.8210, -31.9568,  
29.9750

■ 106.2610,  
-15.9047, 14.6801

■ 85.1050, -36.0408,  
33.2339

■ 109.9770,  
-11.8207, 11.4212

■ 80.8020, -39.8354,  
37.0076

■ 114.2800, -8.0260,  
7.6474

■ 118.6970, -3.7946,  
3.7737

■ 123.0000, 0.0000,  
0.0000

■ 127.3030, 3.7946,  
-3.7737

■ 131.6060, 7.5892,  
-7.5475

■ 135.4360, 12.1101,  
-10.9064

# Harmonies

## Analogous

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



98.8230, -18.1537, 36.1122



97.5410, -23.9307, 22.3275



95.1750, -22.2713, 3.3545

# Triad

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



97.5410, -23.9307, 22.3275



78.7400, 17.3832, -69.0550



101.5240, 15.5177, 16.2035

# Complementary

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



97.5410, -23.9307, 22.3275



74.4590, 23.9307, -22.3275

# 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.



98.8240, 23.7508, -11.2466



97.5410, -23.9307, 22.3275



80.0740, 27.5715, -70.2249

# Square

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



97.5410, -23.9307, 22.3275



84.4580, 1.7462, -46.8827



87.7870, 29.6850, -48.0482



101.0720, 4.4015, 35.0169



# Rectangle

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



97.5410, -23.9307, 22.3275



93.0530, -17.2811, -10.5705



87.7870, 29.6850, -48.0482



101.5660, 18.4550, 7.3966

# Sweetspot

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



97.5410, -23.9307, 22.3275



150.6500, -9.1944, 9.0770



74.5460, 2.1958, 42.4942



75.8390, -5.8366, 5.4032



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



97.5410, -23.9307, 22.3275



120.7740, -37.3566, 35.2782



112.4710, -31.2912, 3.0949



59.1420, -2.0420, 1.6295



81.9870, -40.4196, 37.7224



165.7460, -81.7128, 75.6448



# Inverse Universe

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



74.4590, 23.9307, -22.3275



84.6390, 37.6460, -34.7634



59.5290, 31.2912, -3.0949



56.8580, 2.0420, -1.6295



43.0130, 40.4196, -37.7224



86.8410, 81.4234, -76.1596



# Previews

## White Background



This preview shows how the YUV color 97.5410, -23.9307, 22.3275 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 97.5410, -23.9307, 22.3275 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

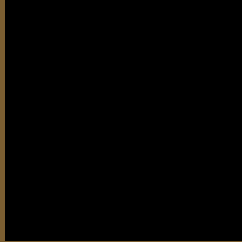
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.5410, -23.9307, 22.3275

## Background



This preview shows how black text looks on a background with the YUV color 97.5410, -23.9307, 22.3275.



This preview shows how white text looks on a background with the YUV color 97.5410, -23.9307,



# 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

97.5410, -23.9307, 22.3275

### Protanopia

96.5180, -22.4404, 10.9467

### Deuteranopia

97.2420, -23.7833, 21.7128



## Tritanopia

101.1600, -2.5439, 22.6617

# Trichromacy



## Original Color

97.5410, -23.9307, 22.3275

## Protanomaly

96.7250, -23.0354, 15.1502

## Deuteranomaly

97.2420, -23.7833, 21.7128

## Tritanomaly

100.0970, -10.4008, 22.7169

# Monochromacy



## Original Color

97.5410, -23.9307, 22.3275

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

98.0520, -8.8996, 7.8474

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.5410, -23.9307, 22.3275 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(123, 94, 49)` looks like.

```
.text, #text, p{  
    color:rgb(123, 94, 49)  
}
```

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(123, 94, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 94, 49) }
```

## Border

The CSS property to change the border of an element to YUV 97.5410, -23.9307, 22.3275 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(123, 94, 49) }
```



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

```
.border{ border-color:rgb(123, 94, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 94, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 94, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 94, 49);  
box-shadow:4px 4px 4px 4px rgb(123, 94,  
49) }
```

# Background

The CSS property to change the background color of an element to YUV 97.5410, -23.9307, 22.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 94, 49) }
```

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

```
.background{ background-color: rgb(123, 94,  
49) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor