

# Converting Colors

YUV(94.6170, -25.9402,  
13.4909)

Have a look what the booklet for  
YUV(94.6170, -25.9402, 13.4909)  
contains.

<b>YUV(94.6170, -25.9402, 13.4909)</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(94.6170, -25.9402,  
13.4909)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E612A
RGB	110, 97, 42
RGB Percent	43%, 38%, 16%
CMY	0.5686, 0.6196, 0.8353
CMYK	0.00, 0.12, 0.62, 0.57
HSL	49°, 45%, 30%
HSV	49°, 62%, 43%
XYZ	11.1230, 12.0316, 3.9266
YIQ	94.6170, 25.4030, -14.3490

# Conversions

## Conversions Part 2

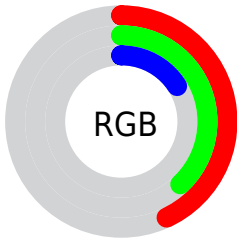
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	58, 110, 42
Decimal	7233834
CIE <sub>Lab</sub>	41.27, -2.27, 32.66
CIE <sub>LCh</sub>	41, 32.737, 93.976
Yxy	12.0316, 0.4107, 0.4443
Android (android.graphics.Color)	4285423914 (0xFF6E612A)
YUV	94.6170, -25.9402, 13.4909
Hunter-Lab	34.6865, -3.4614, 17.5689

# Details

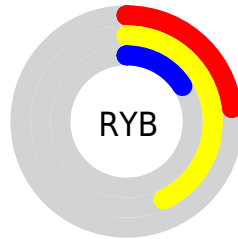
The YUV color **94.6170, -25.9402, 13.4909** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **57.3830, 25.9402, -13.4909**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2860, -27.2560, 15.5352**, and **47.8770, -23.6034, 10.6319** is the 20% darker color. If you saturate the color by 10%, you get **92.1890, -30.1662, 15.6202**, and if you desaturate by 10%, it is **97.0450, -21.7142, 11.3615**.

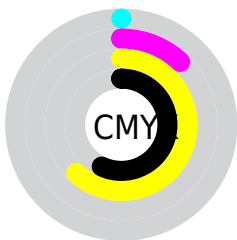
# Distribution



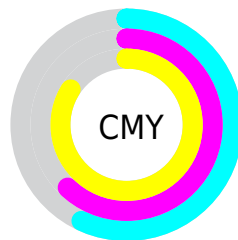
- Red (43%)
- Green (38%)
- Blue (16%)



- Red (23%)
- Yellow (43%)
- Blue (16%)



- Cyan (0%)
- Magenta (12%)
- Yellow (62%)
- Black (57%)



- Cyan (57%)
- Magenta (62%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.6170, -25.9402, 13.4909 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 94.6170, -25.9402, 13.4909 by changing the saturation by 10% instead.



94.6170, -25.9402,  
13.4909

94.6170, -25.9402,  
13.4909

255.0000, 0.0000,  
0.0000

70.1330, -25.2086,  
12.1614

145.2860,  
-27.2560, 15.5352

47.8770, -23.6034,  
10.6319

172.3570,  
-28.2770, 16.3499

28.3740, -13.9884,  
6.6880

199.8410,  
-29.0086, 17.6794

3.8210, -1.8838,  
-2.4740

227.9120,  
-30.0296, 18.4942

0.0000, 0.0000,  
0.0000

248.1600,  
-26.2079, 5.9987

251.3520,

-13.9775, 3.1993

254.6580, -1.3104,  
0.2999

■ 94.6170, -25.9402,  
13.4909

■ 94.6170, -25.9402,  
13.4909

■ 92.1890, -30.1662,  
15.6202

■ 97.0450, -21.7142,  
11.3615

■ 89.7610, -34.3922,  
17.7496

■ 99.4730, -17.4882,  
9.2322

■ 87.3330, -38.6182,  
19.8790

■ 101.9010,  
-13.2622, 7.1028

■ 85.1330, -41.9706,  
21.8084

■ 104.3290, -9.0362,  
4.9735

■ 107.3440, -5.0996,  
2.3293

■ 109.7720, -0.8736,  
0.2000

■ 112.2000, 3.3524,  
-1.9294

■ 114.6280, 7.5784,  
-4.0588

■ 117.0560, 11.8044,  
-6.1881

# Harmonies

## Analogous

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



96.1230, -23.2316, 31.4641



94.6170, -25.9402, 13.4909



91.3800, -19.9073, -8.2263

# Triad

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



94.6170, -25.9402, 13.4909



79.0480, 23.6403, -69.3251



99.9340, 10.3855, 28.9989

# Complementary

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



94.6170, -25.9402, 13.4909



57.3830, 25.9402, -13.4909

# 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.



99.5270, 20.9392, 3.9228



94.6170, -25.9402, 13.4909



78.7520, 32.6603, -69.0655

# Square

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



94.6170, -25.9402, 13.4909



76.5570, 11.5574, -67.1405



92.6690, 28.7572, -30.4047



98.8080, -1.8773, 42.2644



# Rectangle

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



94.6170, -25.9402, 13.4909



88.7460, -11.7068, -25.2102



92.6690, 28.7572, -30.4047



100.2150, 14.1910, 21.7364

# Sweetspot

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



94.6170, -25.9402, 13.4909



136.9870, -10.3466, 5.2734



63.9280, -3.9085, 40.4051



67.4150, -6.1206, 3.1440



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



94.6170, -25.9402, 13.4909



119.1760, -40.5128, 20.8936



96.2680, -26.7541, -5.4970



54.7290, -2.3314, 1.1147



92.8190, -45.7598, 23.8377



191.2530, -94.2877, 48.8901



# Inverse Universe

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



57.3830, 25.9402, -13.4909



60.8240, 40.5128, -20.8936



55.7320, 26.7541, 5.4970



51.8580, 2.0420, -1.6295



27.1810, 45.7598, -23.8377



55.7470, 94.2877, -48.8901



# Previews

## White Background



This preview shows how the YUV color 94.6170, -25.9402, 13.4909 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 94.6170, -25.9402, 13.4909 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

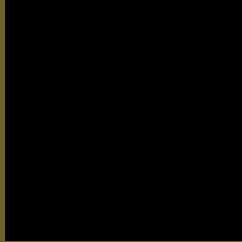
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 94.6170, -25.9402, 13.4909

## Background



This preview shows how black text looks on a background with the YUV color 94.6170, -25.9402, 13.4909.



This preview shows how white text looks on a background with the YUV color 94.6170, -25.9402,



# 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

94.6170, -25.9402, 13.4909

### Protanopia

94.6060, -25.9348, 11.7465

### Deuteranopia

95.6720, -25.9673, 22.2127



## Tritanopia

98.9740, -0.4802, 14.0548

# Trichromacy



## Original Color

94.6170, -25.9402, 13.4909

## Protanomaly

94.9050, -26.0822, 12.3613

## Deuteranomaly

95.0630, -25.6671, 19.2387

## Tritanomaly

97.2700, -9.5001, 13.7952

# Monochromacy



## Original Color

94.6170, -25.9402, 13.4909

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

94.9160, -9.3256, 4.4587

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.6170, -25.9402, 13.4909 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(110, 97, 42)` looks like.

```
.text, #text, p{  
    color:rgb(110, 97, 42)  
}
```

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(110, 97, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 97, 42) }
```

## Border

The CSS property to change the border of an element to YUV 94.6170, -25.9402, 13.4909 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(110, 97, 42) }
```



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

```
.border{ border-color:rgb(110, 97, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 97, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 97, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 97, 42);  
box-shadow:4px 4px 4px 4px rgb(110, 97,  
42) }
```

# Background

The CSS property to change the background color of an element to YUV 94.6170, -25.9402, 13.4909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 97, 42) }
```

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

```
.background{ background-color: rgb(110, 97,  
42) }
```

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