

# Converting Colors

YUV(92.8530, 13.3835, 47.4869)

Have a look what the booklet for  
YUV(92.8530, 13.3835, 47.4869)  
contains.

<b>YUV(92.8530, 13.3835, 47.4869)</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(92.8530, 13.3835,  
47.4869)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	933C78
RGB	147, 60, 120
RGB Percent	58%, 24%, 47%
CMY	0.4235, 0.7647, 0.5294
CMYK	0.00, 0.59, 0.18, 0.42
HSL	319°, 42%, 41%
HSV	319°, 59%, 58%
XYZ	17.0386, 10.7908, 18.9541
YIQ	92.8530, 32.5920, 37.1040

# Conversions

## Conversions Part 2

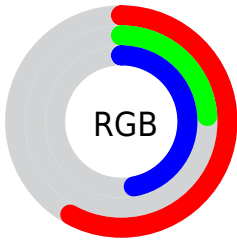
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 60, 120
Decimal	9649272
CIE <sub>Lab</sub>	39.23, 43.88, -16.45
CIE <sub>LCh</sub>	39, 46.867, 339.446
Yxy	10.7908, 0.3642, 0.2307
Android (android.graphics.Color)	4287839352 (0xFF933C78)
YUV	92.8530, 13.3835, 47.4869
Hunter-Lab	32.8494, 35.0997, -11.2158

# Details

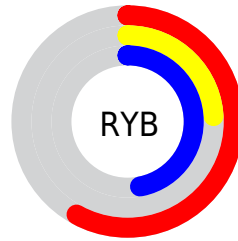
The YUV color **92.8530, 13.3835, 47.4869** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **114.1470, -13.3835, -47.4869**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0490, 12.7938, 49.9460**, and **35.9010, 17.3038, 50.0758** is the 20% darker color. If you saturate the color by 10%, you get **83.4780, 15.5403, 55.7088**, and if you desaturate by 10%, it is **102.2280, 11.2266, 39.2650**.

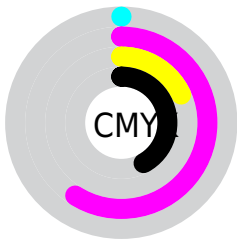
# Distribution



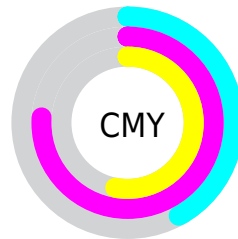
- Red (58%)
- Green (24%)
- Blue (47%)



- Red (58%)
- Yellow (24%)
- Blue (47%)



- Cyan (0%)
- Magenta (59%)
- Yellow (18%)
- Black (42%)



- Cyan (42%)
- Magenta (76%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 92.8530, 13.3835, 47.4869 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 92.8530, 13.3835, 47.4869 by changing the saturation by 10% instead.



92.8530, 13.3835,  
47.4869

92.8530, 13.3835,  
47.4869

255.0000, 0.0000,  
0.0000

66.0810, 14.2571,  
47.2870

146.0490, 12.7938,  
49.9460

35.9010, 17.3038,  
50.0758

173.7610, 12.9358,  
51.0756

25.9180, 11.3794,  
36.9059

199.6790, 13.9623,  
48.5165

16.9460, 5.4496,  
25.4804

219.1930, 17.6529,  
31.4027

0.0000, 0.0000,  
0.0000

235.6290, 9.5499,  
16.9884

252.6520, 1.1576,

2.0592

■ 92.8530, 13.3835,  
47.4869

■ 92.8530, 13.3835,  
47.4869

■ 83.4780, 15.5403,  
55.7088

■ 102.2280, 11.2266,  
39.2650

■ 74.8040, 17.8446,  
63.3159

■ 110.9020, 8.9223,  
31.6579

■ 65.4290, 20.0015,  
71.5378

■ 120.2770, 6.7654,  
23.4361

■ 56.1680, 22.5952,  
79.6597

■ 129.5380, 4.1718,  
15.3142

■ 55.4670, 22.4478,  
80.2744

■ 138.3260, 2.3043,  
7.6071

■ 147.5870, -0.2894,  
-0.5148

■ 156.9620, -2.4463,  
-8.7367

■ 166.2230, -5.0399,  
-16.8586

■ 175.0110, -6.9074,  
-24.5656

# Harmonies

## Analogous

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



95.1180, 28.0428, 12.1745



92.8530, 13.3835, 47.4869



89.1850, -3.5422, 62.9818

# Triad

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



92.8530, 13.3835, 47.4869



85.0780, -41.9435, 13.0866



79.9430, 29.6081, -70.1100

# Complementary

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



92.8530, 13.3835, 47.4869



114.1470, -13.3835, -47.4869

# 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.



76.4260, 13.5940, -67.0256



92.8530, 13.3835, 47.4869



80.9950, -26.1265, -20.1666

# Square

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



92.8530, 13.3835, 47.4869



88.6110, -36.7832, 38.0522



70.6920, -3.2992, -61.9969



79.7440, 41.5382, -69.9355



# Rectangle

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



92.8530, 13.3835, 47.4869



88.9600, -15.7563, 60.5481



70.6920, -3.2992, -61.9969



79.2760, 24.5139, -69.5251

# Sweetspot

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



92.8530, 13.3835, 47.4869



169.9020, 5.4713, 18.5029



77.6920, 34.1688, 7.2861



83.8750, 3.0196, 11.5106



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.



92.8530, 13.3835, 47.4869



106.3800, 21.0117, 74.2117



87.9510, -5.3988, 51.7860



69.6630, 1.1521, 3.8035



52.0920, 21.1536, 75.3413



3.7880, 1.5835, 5.4479



# Inverse Universe

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



92.8530, 13.3835, 47.4869



106.3800, 21.0117, 74.2117



119.0490, 5.3988, -51.7860



69.6630, 1.1521, 3.8035



52.0920, 21.1536, 75.3413

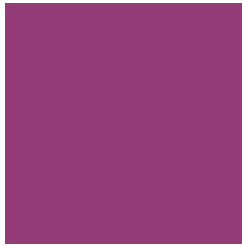


3.7880, 1.5835, 5.4479



# Previews

## White Background



This preview shows how the YUV color 92.8530, 13.3835, 47.4869 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 92.8530, 13.3835, 47.4869 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

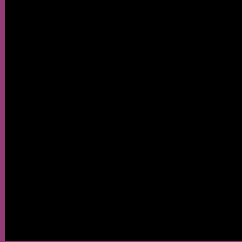
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 92.8530, 13.3835, 47.4869

## Background



This preview shows how black text looks on a background with the YUV color 92.8530, 13.3835, 47.4869.



This preview shows how white text looks on a background with the YUV color 92.8530, 13.3835,



# 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

92.8530, 13.3835, 47.4869

### Protanopia

91.9590, 25.6562, -15.7500

### Deuteranopia

93.7360, 10.4832, -2.3995



## Tritanopia

93.0980, -8.4293, 43.7641

# Trichromacy



## Original Color

92.8530, 13.3835, 47.4869

## Protanomaly

92.5490, 20.9283, 7.4115

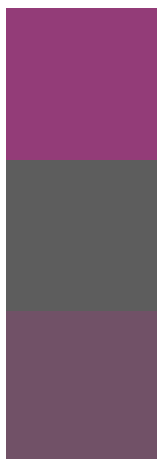
## Deuteranomaly

93.4870, 11.5919, 15.3589

## Tritanomaly

92.8730, -0.4304, 44.8384

# Monochromacy



## Original Color

92.8530, 13.3835, 47.4869

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

93.0760, 4.8925, 17.4733

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 92.8530, 13.3835, 47.4869 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(147, 60, 120)` looks like.

```
.text, #text, p{  
    color:rgb(147, 60, 120)  
}
```

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(147, 60, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 60, 120) }
```

## Border

The CSS property to change the border of an element to YUV 92.8530, 13.3835, 47.4869 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(147, 60, 120) }
```



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

```
.border{ border-color:rgb(147, 60, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 60, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 60, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 60, 120);  
box-shadow:4px 4px 4px 4px rgb(147, 60,  
120) }
```

# Background

The CSS property to change the background color of an element to YUV 92.8530, 13.3835, 47.4869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 60, 120) }
```

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

```
.background{ background-color: rgb(147, 60,  
120) }
```

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