

# Converting Colors

YUV(114.5280, 9.5997, 47.7719)

Have a look what the booklet for  
YUV(114.5280, 9.5997, 47.7719)  
contains.

<b>YUV(114.5280, 9.5997, 47.7719)</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(114.5280, 9.5997,  
47.7719)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A95386
RGB	169, 83, 134
RGB Percent	66%, 33%, 53%
CMY	0.3373, 0.6745, 0.4745
CMYK	0.00, 0.51, 0.21, 0.34
HSL	324°, 34%, 49%
HSV	324°, 51%, 66%
XYZ	23.7585, 16.3428, 24.4565
YIQ	114.5280, 34.8850, 34.0930

# Conversions

## Conversions Part 2

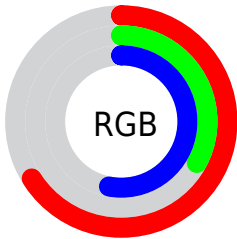
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	169, 83, 134
Decimal	11096966
CIELab	47.42, 41.60, -12.23
CIELCh	47, 43.359, 343.620
Yxy	16.3428, 0.3680, 0.2531
Android (android.graphics.Color)	4289287046 (0xFFA95386)
YUV	114.5280, 9.5997, 47.7719
Hunter-Lab	40.4262, 34.1589, -7.5702

# Details

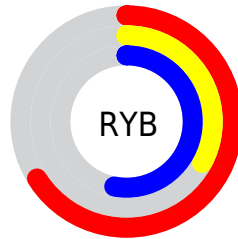
The YUV color **114.5280, 9.5997, 47.7719** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **137.4720, -9.5997, -47.7719**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1370, 9.2995, 50.7459**, and **61.8590, 10.9155, 45.7277** is the 20% darker color. If you saturate the color by 10%, you get **103.7510, 11.4618, 57.2234**, and if you desaturate by 10%, it is **125.3050, 7.7376, 38.3205**.

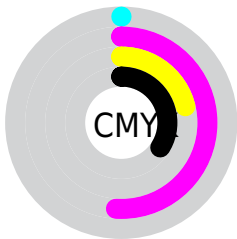
# Distribution



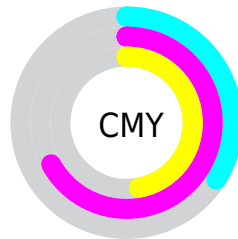
- Red (66%)
- Green (33%)
- Blue (53%)



- Red (66%)
- Yellow (33%)
- Blue (53%)



- Cyan (0%)
- Magenta (51%)
- Yellow (21%)
- Black (34%)



- Cyan (34%)
- Magenta (67%)
- Yellow (47%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 114.5280, 9.5997, 47.7719 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 114.5280, 9.5997, 47.7719 by changing the saturation by 10% instead.




 114.5280, 9.5997,  
47.7719

 114.5280, 9.5997,  
47.7719


255.0000, 0.0000,  
0.0000

 88.0440, 10.3313,  
46.4424

 168.1370, 9.2995,  
50.7459


 61.8590, 10.9155,  
45.7277


 195.8490, 9.4414,  
51.8754

 33.2660, 13.6729,  
48.0017

 215.4770, 13.5688,  
34.6617

 22.9840, 7.8959,  
34.2170

 233.2810, 10.7075,  
19.0476

 14.0120, 1.9661,  
22.7915

 250.3040, 2.3151,  
4.1184

 0.0000, 0.0000,  
0.0000

■ 114.5280, 9.5997,  
47.7719

■ 114.5280, 9.5997,  
47.7719

■ 103.7510, 11.4618,  
57.2234

■ 125.3050, 7.7376,  
38.3205

■ 92.9740, 13.3238,  
66.6748

■ 136.0820, 5.8756,  
28.8691

■ 82.1970, 15.1859,  
76.1262

■ 146.8590, 4.0135,  
19.4177

■ 71.4200, 17.0479,  
85.5777

■ 157.6360, 2.1515,  
9.9662

■ 61.9310, 18.7680,  
93.8995

■ 167.7120, 0.1420,  
1.1296

■ 178.4890, -1.7201,  
-8.3219

■ 189.2660, -3.5821,  
-17.7733

■ 200.0430, -5.4442,

-27.2247

■ 210.8200, -7.3063,  
-36.6761

# Harmonies

## Analogous

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



115.9400, 24.6796, 17.5926



114.5280, 9.5997, 47.7719



111.8380, -7.3151, 59.7781

# Triad

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



114.5280, 9.5997, 47.7719



107.1790, -35.0912, 8.6130



93.6040, 33.7192, -82.0907

# Complementary

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



114.5280, 9.5997, 47.7719



137.4720, -9.5997, -47.7719

# 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.



91.6030, 18.4367, -80.3358



114.5280, 9.5997, 47.7719



102.0100, -22.1899, -22.8108

# Square

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



114.5280, 9.5997, 47.7719



109.5720, -34.2990, 34.5784



86.0970, 2.4172, -75.5071



92.3620, 44.1915, -81.0015



# Rectangle

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



114.5280, 9.5997, 47.7719



111.2540, -18.3662, 57.6592



86.0970, 2.4172, -75.5071



93.6380, 28.7725, -82.1205

# Sweetspot

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



114.5280, 9.5997, 47.7719



198.1470, 3.8715, 18.2881



102.9700, 32.5528, 12.3043



97.3480, 2.2934, 11.0958



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



114.5280, 9.5997, 47.7719



134.7730, 14.9019, 73.8671



109.7400, -8.7458, 51.9710



78.9620, 1.0047, 4.4183



54.2840, 16.6220, 82.1889



7.3480, 2.2934, 11.0958



# Inverse Universe

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



114.5280, 9.5997, 47.7719



134.7730, 14.9019, 73.8671



142.2600, 8.7458, -51.9710



78.9620, 1.0047, 4.4183



54.2840, 16.6220, 82.1889



7.3480, 2.2934, 11.0958



# Previews

## White Background



This preview shows how the YUV color 114.5280, 9.5997, 47.7719 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

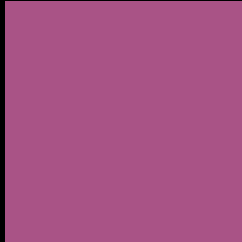
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 114.5280, 9.5997, 47.7719 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

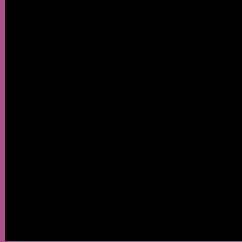
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 114.5280, 9.5997, 47.7719

## Background



This preview shows how black text looks on a background with the YUV color 114.5280, 9.5997, 47.7719.



This preview shows how white text looks on a background with the YUV color 114.5280, 9.5997,



# 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

114.5280, 9.5997, 47.7719

### Protanopia

113.4990, 19.9670, -10.9616

### Deuteranopia

113.9600, 7.4147, 1.7891



## Tritanopia

113.8100, -8.2873, 44.8936

# Trichromacy



## Original Color

114.5280, 9.5997, 47.7719

## Protanomaly

113.7190, 16.4075, 10.7704

## Deuteranomaly

113.9990, 8.3815, 18.4179

## Tritanomaly

113.8300, -1.8882, 45.7531

# Monochromacy



## Original Color

114.5280, 9.5997, 47.7719

## Achromatopsia

115.0000, 0.0000, 0.0000

## Achromatomaly

114.7340, 3.5821, 17.7733

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 114.5280, 9.5997, 47.7719 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(169, 83, 134)` looks like.

```
.text, #text, p{  
    color:rgb(169, 83, 134)  
}
```

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(169, 83, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 83, 134) }
```

## Border

The CSS property to change the border of an element to YUV 114.5280, 9.5997, 47.7719 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(169, 83, 134) }
```



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

```
.border{ border-color:rgb(169, 83, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 83, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 83, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 83, 134);  
box-shadow:4px 4px 4px 4px rgb(169, 83,  
134) }
```

# Background

The CSS property to change the background color of an element to YUV 114.5280, 9.5997, 47.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 83, 134) }
```

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

```
.background{ background-color: rgb(169, 83,  
134) }
```

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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