

# Converting Colors

YUV(95.9150, 2.5069, 36.0315)

Have a look what the booklet for  
YUV(95.9150, 2.5069, 36.0315)  
contains.

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# Color

**YUV(95.9150, 2.5069,  
36.0315)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	894A65
RGB	137, 74, 101
RGB Percent	54%, 29%, 40%
CMY	0.4627, 0.7098, 0.6039
CMYK	0.00, 0.46, 0.26, 0.46
HSL	334°, 30%, 41%
HSV	334°, 46%, 54%
XYZ	15.1143, 11.1555, 13.6685
YIQ	95.9150, 28.8810, 21.7530

# Conversions

## Conversions Part 2

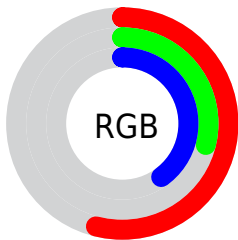
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 74, 101
Decimal	8997477
CIE <sub>Lab</sub>	39.84, 30.19, -3.86
CIE <sub>LCh</sub>	40, 30.437, 352.706
Yxy	11.1555, 0.3784, 0.2793
Android (android.graphics.Color)	4287187557 (0xFF894A65)
YUV	95.9150, 2.5069, 36.0315
Hunter-Lab	33.3999, 22.3259, -0.8839

# Details

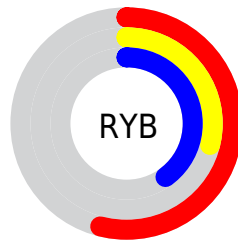
The YUV color **95.9150, 2.5069, 36.0315** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.0850, -2.5069, -36.0315**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.5240, 2.2067, 39.0055**, and **46.8330, 3.5333, 33.4725** is the 20% darker color. If you saturate the color by 10%, you get **86.7850, 3.0640, 44.0386**, and if you desaturate by 10%, it is **105.0450, 1.9498, 28.0245**.

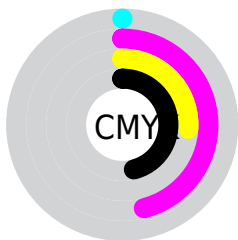
# Distribution



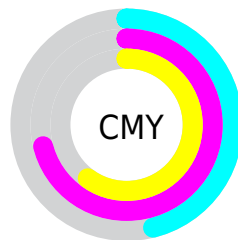
- Red (54%)
- Green (29%)
- Blue (40%)



- Red (54%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (46%)
- Yellow (26%)
- Black (46%)




- Cyan (46%)
- Magenta (71%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 95.9150, 2.5069, 36.0315 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 95.9150, 2.5069, 36.0315 by changing the saturation by 10% instead.



 95.9150, 2.5069,  
36.0315


 95.9150, 2.5069,  
36.0315

255.0000, 0.0000,  
0.0000

 71.3170, 2.8017,  
34.8020


 147.5240, 2.2067,  
39.0055

 46.8330, 3.5333,  
33.4725

 174.8230, 2.0593,  
39.6202

 22.8760, 4.9911,  
32.5577

 202.4210, 1.7644,  
40.8498

 13.3990, -1.6757,  
24.2061

 223.2560, 5.2968,  
27.8395

 0.0000, 0.0000,  
0.0000

 242.6730, 6.0772,  
10.8108

95.9150, 2.5069,  
36.0315

95.9150, 2.5069,  
36.0315

86.7850, 3.0640,  
44.0386

105.0450, 1.9498,  
28.0245

78.2420, 3.3317,  
51.5308

113.5880, 1.6821,  
20.5323

69.2260, 4.3256,  
59.4378

122.6040, 0.6882,  
12.6253

60.0960, 4.8827,  
67.4448

131.7340, 0.1311,  
4.6183

51.5530, 5.1504,  
74.9370

140.8640, -0.4260,  
-3.3887

47.6890, 5.5763,  
78.3257

149.4070, -0.6937,  
-10.8809

158.5370, -1.2507,  
-18.8879

167.6670, -1.8078,

-26.8950

■ 176.0960, -2.5123,  
-34.2872

# Harmonies

## Analogous

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



96.6770, 13.4702, 19.5773



95.9150, 2.5069, 36.0315



94.8480, -9.2921, 40.4753

# Triad

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



95.9150, 2.5069, 36.0315



89.7940, -21.0974, 0.1807



76.2100, 27.9975, -66.8362

# Complementary

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



95.9150, 2.5069, 36.0315



115.0850, -2.5069, -36.0315

# 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.



74.9900, 18.2459, -65.7662



95.9150, 2.5069, 36.0315



86.4690, -11.5702, -22.3363

# Square

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



95.9150, 2.5069, 36.0315



91.9320, -23.6305, 19.3536



76.6250, 5.1149, -54.0451



84.8910, 28.6477, -42.0004



# Rectangle

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



95.9150, 2.5069, 36.0315



93.9910, -16.2646, 36.8419



76.6250, 5.1149, -54.0451



76.1130, 25.0873, -66.7511

# Sweetspot

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



95.9150, 2.5069, 36.0315



162.6150, 0.6828, 14.3696



91.9460, 22.2116, 15.8334



79.2830, 0.8465, 8.5218



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



95.9150, 2.5069, 36.0315



114.3890, 3.7522, 56.6638



95.1850, -10.4442, 36.6718



64.4350, 0.2785, 4.0035



46.2650, 5.2924, 76.0666



1.7230, 0.1366, 2.8739



# Inverse Universe

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



95.9150, 2.5069, 36.0315



114.3890, 3.7522, 56.6638



115.8150, 10.4442, -36.6718



64.4350, 0.2785, 4.0035



46.2650, 5.2924, 76.0666

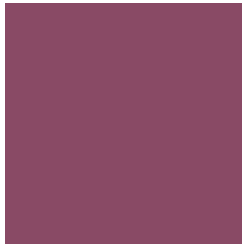


1.7230, 0.1366, 2.8739



# Previews

## White Background



This preview shows how the YUV color 95.9150, 2.5069, 36.0315 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

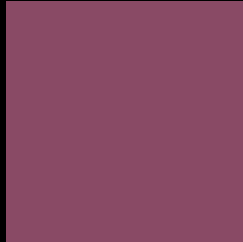
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 95.9150, 2.5069, 36.0315 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

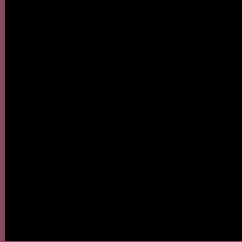
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.9150, 2.5069, 36.0315

## Background



This preview shows how black text looks on a background with the YUV color 95.9150, 2.5069, 36.0315.



This preview shows how white text looks on a background with the YUV color 95.9150, 2.5069,



# 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

95.9150, 2.5069, 36.0315

### Protanopia

94.9700, 8.8888, -4.3587

### Deuteranopia

95.6740, 1.1467, 5.5479



## Tritanopia

95.0260, -5.9288, 35.0572

# Trichromacy



## Original Color

95.9150, 2.5069, 36.0315

## Protanomaly

95.4880, 6.6614, 10.0960

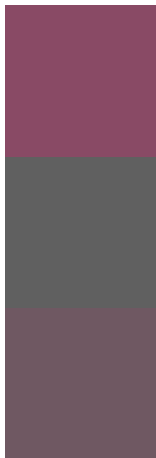
## Deuteranomaly

95.5660, 1.6930, 17.0436

## Tritanomaly

95.5360, -2.7292, 35.4869

# Monochromacy



## Original Color

95.9150, 2.5069, 36.0315

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.0170, 0.9776, 13.1401

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.9150, 2.5069, 36.0315 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(137, 74, 101)` looks like.

```
.text, #text, p{  
    color:rgb(137, 74, 101)  
}
```

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(137, 74, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 74, 101) }
```

## Border

The CSS property to change the border of an element to YUV 95.9150, 2.5069, 36.0315 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(137, 74, 101) }
```



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

```
.border{ border-color:rgb(137, 74, 101) }
```

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

Here you see how a box with a 4 pixel rgb(137, 74, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 74, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 74, 101);  
box-shadow:4px 4px 4px 4px rgb(137, 74,  
101) }
```

# Background

The CSS property to change the background color of an element to YUV 95.9150, 2.5069, 36.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 74, 101) }
```

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

```
.background{ background-color: rgb(137, 74,  
101) }
```

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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