

# Converting Colors

YUV(96.7120, -6.2670, 50.2416)

Have a look what the booklet for  
YUV(96.7120, -6.2670, 50.2416)  
contains.

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# Color

**YUV(96.7120, -6.2670,  
50.2416)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A4654
RGB	154, 70, 84
RGB Percent	60%, 27%, 33%
CMY	0.3961, 0.7255, 0.6706
CMYK	0.00, 0.55, 0.45, 0.40
HSL	350°, 37%, 44%
HSV	350°, 55%, 60%
XYZ	17.1168, 11.8904, 9.7804
YIQ	96.7120, 45.5700, 22.1620

# Conversions

## Conversions Part 2

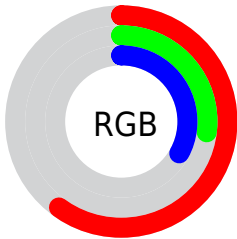
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 70, 84
Decimal	10110548
CIELab	41.04, 36.49, 8.78
CIELCh	41, 37.529, 13.526
Yxy	11.8904, 0.4413, 0.3066
Android (android.graphics.Color)	4288300628 (0xFF9A4654)
YUV	96.7120, -6.2670, 50.2416
Hunter-Lab	34.4825, 28.2615, 7.3211

# Details

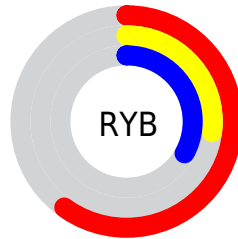
The YUV color **96.7120, -6.2670, 50.2416** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **127.2880, 6.2670, -50.2416**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2780, -8.0251, 54.1302**, and **45.2000, -3.0566, 47.1826** is the 20% darker color. If you saturate the color by 10%, you get **86.4250, -7.6045, 59.2633**, and if you desaturate by 10%, it is **106.9990, -4.9295, 41.2199**.

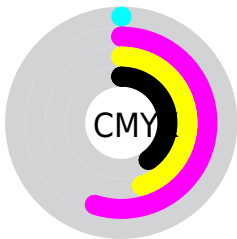
# Distribution



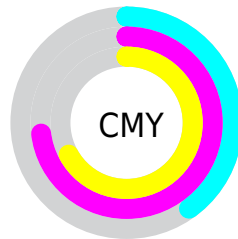
- Red (60%)
- Green (27%)
- Blue (33%)



- Red (60%)
- Yellow (27%)
- Blue (33%)



- Cyan (0%)
- Magenta (55%)
- Yellow (45%)
- Black (40%)



- Cyan (40%)
- Magenta (73%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.7120, -6.2670, 50.2416 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 96.7120, -6.2670, 50.2416 by changing the saturation by 10% instead.



96.7120, -6.2670,  
50.2416

96.7120, -6.2670,  
50.2416

255.0000, 0.0000,  
0.0000

71.0430, -4.9512,  
48.1973

149.2780, -8.0251,  
54.1302

45.2000, -3.0566,  
47.1826

177.1750, -8.4673,  
55.9745

23.6940, -2.3141,  
42.3644

200.1740, -6.9878,  
48.0824

14.7650, -6.7861,  
30.0241

219.8020, -2.8604,  
30.8686

0.0000, 0.0000,  
0.0000

239.4300, 1.2670,  
13.6549

■ 96.7120, -6.2670,  
50.2416

■ 96.7120, -6.2670,  
50.2416

■ 86.4250, -7.6045,  
59.2633

■ 106.9990, -4.9295,  
41.2199

■ 75.5510, -8.6526,  
68.7998

■ 117.8730, -3.8814,  
31.6834

■ 65.3780, -9.5534,  
77.7215

■ 128.1600, -2.5439,  
22.6617

■ 54.5040, -10.6015,  
87.2580

■ 138.9200, -1.9326,  
13.2252

■ 49.0100, -11.3439,  
92.0762

■ 149.2070, -0.5951,  
4.2035

■ 159.4940, 0.7425,  
-4.8182

■ 170.3680, 1.7906,  
-14.3547

■ 180.6550, 3.1281,

-23.3764

■ 191.4150, 3.7394,  
-32.8130

# Harmonies

## Analogous

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



98.7290, 8.0216, 40.5797



96.7120, -6.2670, 50.2416



95.5360, -19.4912, 45.1339

# Triad

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



96.7120, -6.2670, 50.2416



88.2430, -18.8538, -19.5071



79.3050, 37.3176, -69.5505

# Complementary

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



96.7120, -6.2670, 50.2416



127.2880, 6.2670, -50.2416

# 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.



80.3020, 28.4451, -70.4249



96.7120, -6.2670, 50.2416



74.0490, 1.9478, -64.9410

# Square

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



96.7120, -6.2670, 50.2416



92.6610, -29.4129, 7.3133



78.2840, 15.6360, -68.6551



93.9950, 31.0615, -22.7976



# Rectangle

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



96.7120, -6.2670, 50.2416



95.2330, -26.7369, 35.7527



78.2840, 15.6360, -68.6551



80.0230, 34.9917, -70.1802

# Sweetspot

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



96.7120, -6.2670, 50.2416



179.2520, -2.0962, 19.0730



100.5060, 26.3725, 34.6362



89.0230, -1.4903, 11.3808



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



96.7120, -6.2670, 50.2416



112.2640, -9.9902, 77.8215



111.5520, -20.4851, 37.2269



71.5060, -0.7425, 4.8182



44.4820, -10.5906, 83.7693



4.1150, -1.0427, 7.7921



# Inverse Universe

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



96.7120, -6.2670, 50.2416



112.2640, -9.9902, 77.8215



112.4480, 20.4851, -37.2269



71.5060, -0.7425, 4.8182



44.4820, -10.5906, 83.7693

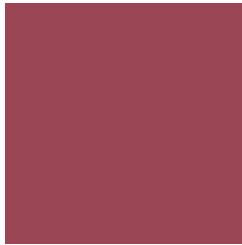


4.1150, -1.0427, 7.7921



# Previews

## White Background



This preview shows how the YUV color 96.7120, -6.2670, 50.2416 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

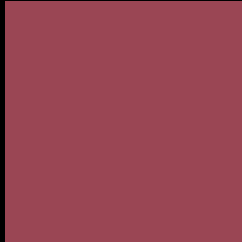
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 96.7120, -6.2670, 50.2416 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

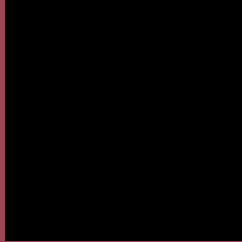
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.7120, -6.2670, 50.2416

## Background



This preview shows how black text looks on a background with the YUV color 96.7120, -6.2670, 50.2416.



This preview shows how white text looks on a background with the YUV color 96.7120, -6.2670,



# 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

96.7120, -6.2670, 50.2416

### Protanopia

97.7120, 0.1420, 1.1296

### Deuteranopia

98.0850, -8.9159, 13.0805



## Tritanopia

96.0880, -9.9034, 49.9118

# Trichromacy



## Original Color

96.7120, -6.2670, 50.2416

## Protanomaly

97.2520, -2.0962, 19.0730

## Deuteranomaly

97.4010, -8.0857, 26.8353

## Tritanomaly

96.4300, -8.5930, 49.6119

# Monochromacy



## Original Color

96.7120, -6.2670, 50.2416

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

96.8390, -2.3856, 18.5582

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.7120, -6.2670, 50.2416 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(154, 70, 84)` looks like.

```
.text, #text, p{  
    color:rgb(154, 70, 84)  
}
```

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(154, 70, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 70, 84) }
```

## Border

The CSS property to change the border of an element to YUV 96.7120, -6.2670, 50.2416 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(154, 70, 84) }
```



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

```
.border{ border-color:rgb(154, 70, 84) }
```

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

Here you see how a box with a 4 pixel rgb(154, 70, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 70, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 70, 84);  
box-shadow:4px 4px 4px 4px rgb(154, 70,  
84) }
```

# Background

The CSS property to change the background color of an element to YUV 96.7120, -6.2670, 50.2416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 70, 84) }
```

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

```
.background{ background-color: rgb(154, 70,  
84) }
```

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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