

# Converting Colors

YUV(123.7330, -8.2494,  
32.6832)

Have a look what the booklet for  
YUV(123.7330, -8.2494, 32.6832)  
contains.

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# Color

**YUV(123.7330, -8.2494,  
32.6832)**

# Conversions

Conversions Part 1	
Format	Color
Hex	A16C6B
RGB	161, 108, 107
RGB Percent	63%, 42%, 42%
CMY	0.3686, 0.5765, 0.5804
CMYK	0.00, 0.33, 0.34, 0.37
HSL	1°, 22%, 53%
HSV	1°, 34%, 63%
XYZ	22.7143, 19.3637, 16.4503
YIQ	123.7330, 31.9090, 10.9250

# Conversions

## Conversions Part 2

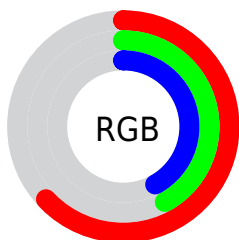
Format	Color
<a href="#">RYB</a>	<a href="#">161, 108, 107</a>
Decimal	<a href="#">10579051</a>
CIELab	<a href="#">51.11, 21.01, 9.19</a>
CIELCh	<a href="#">51, 22.935, 23.611</a>
Yxy	<a href="#">19.3637, 0.3881, 0.3308</a>
Android (android.graphics.Color)	<a href="#">4288769131</a> (0xFFA16C6B)
YUV	<a href="#">123.7330, -8.2494, 32.6832</a>
Hunter-Lab	<a href="#">44.0042, 15.1317, 8.6383</a>

# Details

The YUV color **123.7330, -8.2494, 32.6832** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **144.2670, 8.2494, -32.6832**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8150, -9.2758, 35.2422**, and **74.3520, -7.0755, 29.5093** is the 20% darker color. If you saturate the color by 10%, you get **112.5170, -10.6079, 42.5196**, and if you desaturate by 10%, it is **134.9490, -5.8909, 22.8467**.

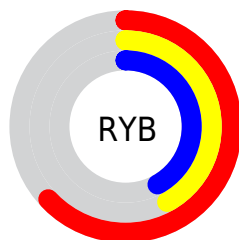
# Distribution



Red (63%)

Green (42%)

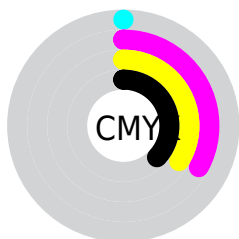
Blue (42%)



Red (63%)

Yellow (42%)

Blue (42%)

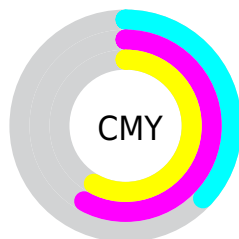


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (37%)



Cyan (37%)

Magenta (58%)

Yellow (58%)

# Brightness & Saturation

## Gradients

These gradients show how the YUV color 123.7330, -8.2494, 32.6832 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 123.7330, -8.2494, 32.6832 by changing the saturation by 10% instead.





 123.7330, -8.2494,  
32.6832


 123.7330, -8.2494,  
32.6832


255.0000, 0.0000,  
0.0000

 98.2490, -7.5178,  
31.3536

 176.8150, -9.2758,  
35.2422

 74.3520, -7.0755,  
29.5093


 204.4130, -9.5706,  
36.4718


 50.5690, -6.1965,  
27.5650


 226.7320, -6.7699,  
24.7910

 27.9000, -4.8807,  
25.5207


 246.3600, -2.6425,  
7.5773


 11.0630, -5.4541,  
22.7467


 0.0000, 0.0000,  
0.0000


 123.7330, -8.2494,  
32.6832


 123.7330, -8.2494,  
32.6832

 112.5170,  
-10.6079, 42.5196


 134.9490, -5.8909,  
22.8467


 101.3010,  
-12.9664, 52.3560


 146.1650, -3.5323,  
13.0103


 90.6720, -15.6143,  
61.6777


 156.7940, -0.8844,  
3.6887


 79.4560, -17.9728,  
71.5141


 168.0100, 1.4741,  
-6.1478

 68.2400, -20.3313,  
81.3505

 179.2260, 3.8326,  
-15.9842

 56.9100, -23.1266,  
91.2869


 190.5560, 6.6279,  
-25.9206

 49.9000, -24.6007,  
97.4347

 201.7720, 8.9864,  
-35.7570

 212.4010, 11.6343,

-45.0787

 223.6170, 13.9928,  
-54.9151

# Harmonies

## Analogous

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



124.8170, 1.0762, 28.2245



123.7330, -8.2494, 32.6832



122.7510, -15.6532, 27.4054

# Triad

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



123.7330, -8.2494, 32.6832



116.4850, -9.1131, -17.0883



118.5250, 20.4472, -25.0164

# Complementary

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



123.7330, -8.2494, 32.6832



144.2670, 8.2494, -32.6832

# 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.



113.4860, 19.4804, -41.6452



123.7330, -8.2494, 32.6832



113.2470, 1.8502, -33.5426

# Square

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



123.7330, -8.2494, 32.6832



118.7600, -16.1507, 0.2105



111.0420, 12.7973, -44.7638



122.7450, 16.8877, -3.2844



# Rectangle

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



123.7330, -8.2494, 32.6832



121.7240, -18.1049, 20.4131



111.0420, 12.7973, -44.7638



116.8940, 20.7583, -31.4790

# Sweetspot

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



123.7330, -8.2494, 32.6832



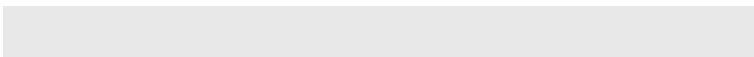
194.8660, -3.3849, 12.3955



129.1880, 15.1903, 27.8991



95.8870, -1.9163, 7.9921



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



123.7330, -8.2494, 32.6832



151.2900, -12.9610, 50.6117



139.5820, -16.0629, 18.7836



76.2780, -1.6161, 5.0182



45.1160, -22.2422, 87.5983



5.3820, -2.6533, 11.0660



# Inverse Universe

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



144.2670, 8.2494, -32.6832



183.2970, 12.6716, -51.1265



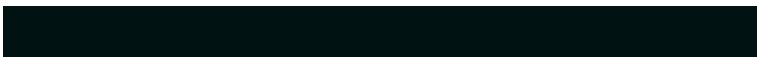
128.4180, 16.0629, -18.7836



78.7220, 1.6161, -5.0182



100.4710, 21.9528, -88.1131

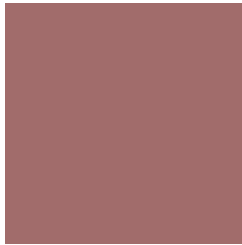


12.6180, 2.6533, -11.0660



# Previews

## White Background



This preview shows how the YUV color 123.7330, -8.2494, 32.6832 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

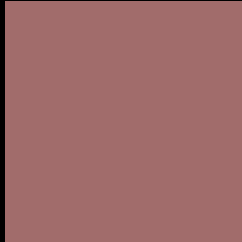
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 123.7330, -8.2494, 32.6832 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

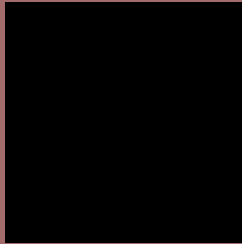
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 123.7330, -8.2494, 32.6832

## Background



This preview shows how black text looks on a background with the YUV color 123.7330, -8.2494, 32.6832.



This preview shows how white text looks on a background with the YUV color 123.7330, -8.2494,



# 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

123.7330, -8.2494, 32.6832

### Protanopia

122.2840, -4.0840, 3.2589

### Deuteranopia

123.0960, -8.9213, 14.8248



## Tritanopia

124.3570, -4.6130, 33.0129

# Trichromacy



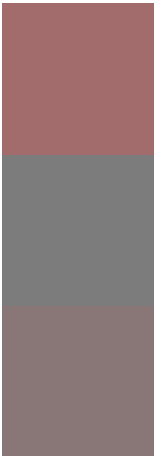
**Original Color**  
123.7330, -8.2494, 32.6832

**Protanomaly**  
122.8940, -5.8637, 14.1250

**Deuteranomaly**  
123.2540, -8.5062, 21.7022

**Tritanomaly**  
124.0150, -5.9234, 33.3128

# Monochromacy



**Original Color**  
123.7330, -8.2494, 32.6832

**Achromatopsia**  
124.0000, 0.0000, 0.0000

**Achromatomaly**  
123.6810, -2.8007, 11.6808

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.7330, -8.2494, 32.6832 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(161, 108, 107)` looks like.

```
.text, #text, p{  
    color:rgb(161, 108, 107)  
}
```

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(161, 108, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 108, 107) }
```

## Border

The CSS property to change the border of an element to YUV 123.7330, -8.2494, 32.6832 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(161, 108, 107) }
```



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

```
.border{ border-color:rgb(161, 108, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 108, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 108, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 108, 107);  
box-shadow:4px 4px 4px 4px rgb(161, 108,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 123.7330, -8.2494, 32.6832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 108, 107) }
```

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

```
.background{ background-color: rgb(161,  
108, 107) }
```

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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