

# Converting Colors

YUV(122.9730, -9.3537,  
-33.3023)

Have a look what the booklet for  
YUV(122.9730, -9.3537, -33.3023)  
contains.

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# Color

**YUV(122.9730, -9.3537,  
-33.3023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	559268
RGB	85, 146, 104
RGB Percent	33%, 57%, 41%
CMY	0.6667, 0.4275, 0.5922
CMYK	0.42, 0.00, 0.29, 0.43
HSL	139°, 26%, 45%
HSV	139°, 42%, 57%
XYZ	16.5239, 23.4885, 16.7595
YIQ	122.9730, -22.8740, -25.9940

# Conversions

## Conversions Part 2

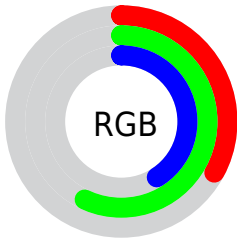
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 132, 146
Decimal	5608040
CIE <sub>Lab</sub>	55.57, -29.44, 16.22
CIE <sub>LCh</sub>	56, 33.612, 151.155
Yxy	23.4885, 0.2911, 0.4137
Android (android.graphics.Color)	4283798120 (0xFF559268)
YUV	122.9730, -9.3537, -33.3023
Hunter-Lab	48.4650, -23.9550, 13.4226

# Details

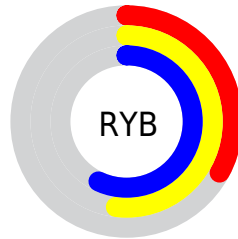
The YUV color **122.9730, -9.3537, -33.3023** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **108.0270, 9.3537, 33.3023**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.0330, -10.3693, -34.2319**, and **72.1300, -7.4591, -34.3170** is the 20% darker color. If you saturate the color by 10%, you get **117.3480, -11.5106, -41.5242**, and if you desaturate by 10%, it is **128.5980, -7.1968, -25.0804**.

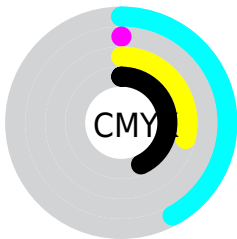
# Distribution



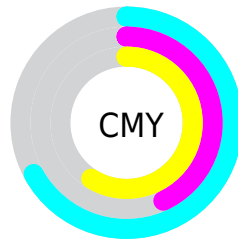
- Red (33%)
- Green (57%)
- Blue (41%)



- Red (33%)
- Yellow (52%)
- Blue (57%)



- Cyan (42%)
- Magenta (0%)
- Yellow (29%)
- Black (43%)



- Cyan (67%)
- Magenta (43%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.9730, -9.3537, -33.3023 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 122.9730, -9.3537, -33.3023 by changing the saturation by 10% instead.



■ 122.9730, -9.3537,  
-33.3023

■ 122.9730, -9.3537,  
-33.3023

■ 255.0000, 0.0000,  
0.0000

■ 97.2010, -8.4801,  
-33.5023

■ 176.0330,  
-10.3693, -34.2319

■ 72.1300, -7.4591,  
-34.3170

■ 204.5060,  
-11.0955, -34.6468

■ 45.9660, -5.4062,  
-39.4352

■ 231.0330,  
-10.3693, -34.2319

■ 29.7720, -7.7756,  
-26.1100

■ 242.8960, -2.4137,  
-19.2028

■ 16.4360, -8.1029,  
-14.4144

■ 253.5050, 0.7370,  
-3.0739

■ 0.0000, 0.0000,  
0.0000

■ 122.9730, -9.3537,  
-33.3023

■ 122.9730, -9.3537,  
-33.3023

■ 117.3480,  
-11.5106, -41.5242

■ 128.5980, -7.1968,  
-25.0804

■ 112.0220,  
-13.8148, -49.1313

■ 133.9240, -4.8925,  
-17.4733

■ 106.3970,  
-15.9717, -57.3532

■ 139.5490, -2.7357,  
-9.2515

■ 101.0710,  
-18.2760, -64.9603

■ 144.8750, -0.4314,  
-1.6444

■ 95.4460, -20.4329,  
-73.1821

■ 150.5000, 1.7255,  
6.5775

■ 90.8320, -22.5952,  
-79.6597

■ 156.1250, 3.8824,  
14.7994

■ 161.4510, 6.1867,  
22.4065

■ 167.0760, 8.3435,

30.6283

■ 172.4020, 10.6478,  
38.2354

# Harmonies

## Analogous

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



127.4080, -22.3861, -6.4968



122.9730, -9.3537, -33.3023



114.5850, 9.0786, -65.4110

# Triad

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



122.9730, -9.3537, -33.3023



128.8150, 30.6572, -33.1638



134.3990, -14.9867, 47.0081

# Complementary

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



122.9730, -9.3537, -33.3023



108.0270, 9.3537, 33.3023

# 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.



135.9440, -1.4514, 45.6531



122.9730, -9.3537, -33.3023



135.4990, 23.4180, 2.1934

# Square

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



122.9730, -9.3537, -33.3023



113.7620, 34.1343, -75.2133



137.1020, 12.2747, 29.7285



133.4010, -24.8477, 36.4823



# Rectangle

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



122.9730, -9.3537, -33.3023



104.3180, 24.0002, -91.4869



137.1020, 12.2747, 29.7285



134.9630, -10.3348, 48.2674

# Sweetspot

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



122.9730, -9.3537, -33.3023



179.5870, -3.7404, -13.6698



133.6640, -23.9914, -4.9673



88.3750, -2.1569, -8.2219



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



122.9730, -9.3537, -33.3023



153.1850, -14.3882, -51.9052



126.3930, 3.7503, -36.3017



71.3370, -1.1521, -3.8035



85.9080, -21.1536, -75.3413



6.2120, -1.5835, -5.4479



# Inverse Universe

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



108.0270, 9.3537, 33.3023



129.8150, 14.3882, 51.9052



104.6070, -3.7503, 36.3017



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 122.9730, -9.3537, -33.3023 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 122.9730, -9.3537, -33.3023 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 122.9730, -9.3537, -33.3023

## Background



This preview shows how black text looks on a background with the YUV color 122.9730, -9.3537, -33.3023.



This preview shows how white text looks on a background with the YUV color 122.9730, -9.3537, -33.3023.



# 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

122.9730, -9.3537, -33.3023

### Protanopia

131.1140, -16.3252, 9.5470

### Deuteranopia

132.9070, -12.2792, 18.4986



## Tritanopia

128.0980, 11.2907, -28.1499

# Trichromacy



## Original Color

122.9730, -9.3537, -33.3023

## Protanomaly

127.9980, -13.8030, -6.1372

## Deuteranomaly

129.4270, -11.0565, -0.3745

## Tritanomaly

126.1380, 3.8760, -29.9390

# Monochromacy



## Original Color

122.9730, -9.3537, -33.3023

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.7120, -3.3090, -12.0254

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.9730, -9.3537, -33.3023 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(85, 146, 104)` looks like.

```
.text, #text, p{  
    color:rgb(85, 146, 104)  
}
```

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(85, 146, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 146, 104) }
```

## Border

The CSS property to change the border of an element to YUV 122.9730, -9.3537, -33.3023 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(85, 146, 104) }
```



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

```
.border{ border-color:rgb(85, 146, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 146, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 146, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 146, 104);  
box-shadow:4px 4px 4px 4px rgb(85, 146,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 122.9730, -9.3537, -33.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 146, 104) }
```

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

```
.background{ background-color: rgb(85, 146,  
104) }
```

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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