

# Converting Colors

YUV(96.6870, -32.3837,  
-19.8965)

Have a look what the booklet for  
YUV(96.6870, -32.3837, -19.8965)  
contains.

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# Color

**YUV(96.6870, -32.3837,  
-19.8965)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A791F
RGB	74, 121, 31
RGB Percent	29%, 47%, 12%
CMY	0.7098, 0.5255, 0.8784
CMYK	0.39, 0.00, 0.74, 0.53
HSL	91°, 59%, 30%
HSV	91°, 74%, 47%
XYZ	9.9087, 15.2295, 3.7137
YIQ	96.6870, 0.8780, -37.9540

# Conversions

## Conversions Part 2

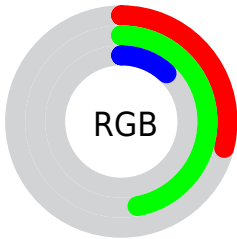
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 121, 78
Decimal	4880671
CIE <sub>Lab</sub>	45.95, -31.69, 41.94
CIE <sub>LCh</sub>	46, 52.571, 127.072
Yxy	15.2295, 0.3434, 0.5279
Android (android.graphics.Color)	4283070751 (0xFF4A791F)
YUV	96.6870, -32.3837, -19.8965
Hunter-Lab	39.0250, -22.9713, 21.6754

# Details

The YUV color **96.6870, -32.3837, -19.8965** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **55.3130, 32.3837, 19.8965**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3450, -33.6941, -19.5966**, and **48.8420, -24.0791, -23.5404** is the 20% darker color. If you saturate the color by 10%, you get **93.5250, -36.7408, -22.3854**, and if you desaturate by 10%, it is **99.8490, -28.0266, -17.4076**.

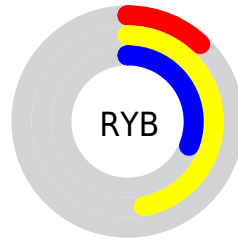
# Distribution



Red (29%)

Green (47%)

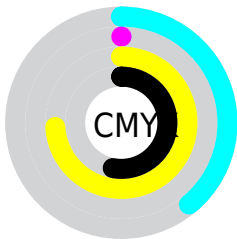
Blue (12%)



Red (12%)

Yellow (47%)

Blue (31%)

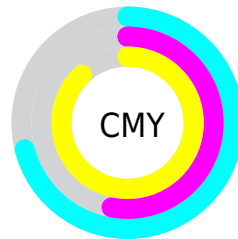


Cyan (39%)

Magenta (0%)

Yellow (74%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.6870, -32.3837, -19.8965 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 96.6870, -32.3837, -19.8965 by changing the saturation by 10% instead.



■ 96.6870, -32.3837,  
-19.8965

■ 96.6870, -32.3837,  
-19.8965

255.0000, 0.0000,  
0.0000

■ 70.8180, -34.4203,  
-20.0114

■ 149.3450,  
-33.6941, -19.5966

■ 48.8420, -24.0791,  
-23.5404

■ 176.2310,  
-34.1309, -19.4966

■ 28.7630, -14.1802,  
-25.2252

■ 204.2910,  
-35.1465, -20.4262

■ 17.0230, -8.3923,  
-14.9292

■ 230.7150,  
-34.8625, -18.1671

■ 0.0000, 0.0000,  
0.0000

■ 242.5780,  
-26.9070, -3.1379

■ 250.5540,

-17.0351, 3.8991

253.7460, -4.8048,  
1.0998

96.6870, -32.3837,  
-19.8965

96.6870, -32.3837,  
-19.8965

93.5250, -36.7408,  
-22.3854

99.8490, -28.0266,  
-17.4076

90.0640, -40.9506,  
-25.4891

103.3100,  
-23.8168, -14.3039

88.3690, -43.5659,  
-26.6336

106.4720,  
-19.4597, -11.8149

109.6340,  
-15.1026, -9.3260

113.0950,  
-10.8928, -6.2223

■ 116.3710, -6.0989,  
-3.8334

■ 119.5330, -1.7418,  
-1.3444

■ 122.9940, 2.4680,  
1.7593

■ 126.1560, 6.8251,  
4.2482

# Harmonies

## Analogous

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



100.7490, -49.6693, 17.7601



96.6870, -32.3837, -19.8965



82.8710, -4.8664, -72.6779

# Triad

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



96.6870, -32.3837, -19.8965



93.8610, 47.3965, -82.3161



104.8810, -2.4063, 72.0184

# Complementary

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



96.6870, -32.3837, -19.8965



55.3130, 32.3837, 19.8965

# 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.



109.7980, 16.8616, 51.9202



96.6870, -32.3837, -19.8965



87.6150, 53.9268, -76.8384

# Square

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



96.6870, -32.3837, -19.8965



93.4900, 33.2824, -81.9907



111.3010, 33.8686, 10.2600



104.7560, -23.0507, 66.8660



# Rectangle

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



96.6870, -32.3837, -19.8965



87.4650, 7.6588, -76.7068



111.3010, 33.8686, 10.2600



106.2810, 4.2985, 68.1596

# Sweetspot

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



96.6870, -32.3837, -19.8965



148.6280, -12.6346, -7.5668



84.9120, -26.5786, 31.6492



73.3170, -7.5513, -4.6630



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



96.6870, -32.3837, -19.8965



120.0990, -50.8278, -30.7818



83.9440, -25.6084, -46.4319



59.4190, -2.1786, -1.2445



91.3150, -45.0183, -27.4633



184.1030, -90.7628, -55.3413



# Inverse Universe

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



55.3130, 32.3837, 19.8965



55.2000, 50.6804, 31.3966



67.9420, 25.1716, 46.5319



56.5810, 2.1786, 1.2445



33.6850, 45.0183, 27.4633



68.1960, 90.6154, 55.9561



# Previews

## White Background



This preview shows how the YUV color 96.6870, -32.3837, -19.8965 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 96.6870, -32.3837, -19.8965 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

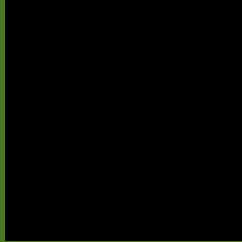
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.6870, -32.3837, -19.8965

## Background



This preview shows how black text looks on a background with the YUV color 96.6870, -32.3837, -19.8965.



This preview shows how white text looks on a background with the YUV color 96.6870, -32.3837,

-19.8965.

# 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

96.6870, -32.3837, -19.8965

### Protanopia

103.6530, -37.2969, 16.0903

### Deuteranopia

105.1580, -33.1089, 26.1714



## Tritanopia

106.2520, 7.7638, -16.8840

# Trichromacy



## Original Color

96.6870, -32.3837, -19.8965

## Protanomaly

101.0320, -35.5118, 3.4799

## Deuteranomaly

102.3470, -33.2021, 9.3427

## Tritanomaly

102.7560, -6.7817, -18.2030

# Monochromacy



## Original Color

96.6870, -32.3837, -19.8965

## Achromatopsia

97.0000, 0.0000, 0.0000

## Achromatomaly

97.1550, -11.9084, -7.1519

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.6870, -32.3837, -19.8965 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(74, 121, 31)` looks like.

```
.text, #text, p{  
    color:rgb(74, 121, 31)  
}
```

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(74, 121, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 121, 31) }
```

## Border

The CSS property to change the border of an element to YUV 96.6870, -32.3837, -19.8965 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(74, 121, 31) }
```



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

```
.border{ border-color:rgb(74, 121, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 121, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 121, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 121, 31);  
box-shadow:4px 4px 4px 4px rgb(74, 121,  
31) }
```

# Background

The CSS property to change the background color of an element to YUV 96.6870, -32.3837, -19.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 121, 31) }
```

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

```
.background{ background-color: rgb(74, 121,  
31) }
```

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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