

# Converting Colors

YUV(96.9190, 33.5639, 61.4610)

Have a look what the booklet for  
YUV(96.9190, 33.5639, 61.4610)  
contains.

<b>YUV(96.9190, 33.5639, 61.4610)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(96.9190, 33.5639,  
61.4610)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A730A5
RGB	167, 48, 165
RGB Percent	65%, 19%, 65%
CMY	0.3451, 0.8118, 0.3529
CMYK	0.00, 0.71, 0.01, 0.35
HSL	301°, 55%, 42%
HSV	301°, 71%, 65%
XYZ	23.7848, 13.0460, 36.8618
YIQ	96.9190, 33.3670, 61.6150

# Conversions

## Conversions Part 2

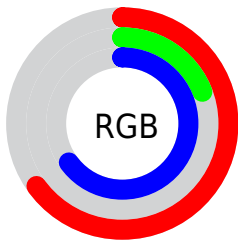
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	167, 48, 165
Decimal	10956965
CIE <sub>Lab</sub>	42.83, 61.49, -37.96
CIE <sub>LCh</sub>	43, 72.265, 328.316
Yxy	13.0460, 0.3228, 0.1770
Android (android.graphics.Color)	4289147045 (0xFFA730A5)
YUV	96.9190, 33.5639, 61.4610
Hunter-Lab	36.1193, 54.3350, -35.2255

# Details

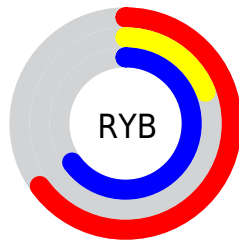
The YUV color **96.9190, 33.5639, 61.4610** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **118.0810, -33.5639, -61.4610**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1040, 32.9797, 62.1758**, and **45.9570, 32.5592, 57.0427** is the 20% darker color. If you saturate the color by 10%, you get **86.9400, 38.4836, 70.2126**, and if you desaturate by 10%, it is **106.8980, 28.6443, 52.7095**.

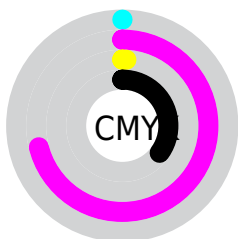
# Distribution



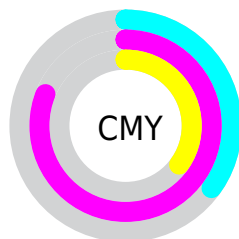
- Red (65%)
- Green (19%)
- Blue (65%)



- Red (65%)
- Yellow (19%)
- Blue (65%)



- Cyan (0%)
- Magenta (71%)
- Yellow (1%)
- Black (35%)



- Cyan (35%)
- Magenta (81%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 96.9190, 33.5639, 61.4610 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 96.9190, 33.5639, 61.4610 by changing the saturation by 10% instead.



96.9190, 33.5639,  
61.4610

96.9190, 33.5639,  
61.4610

255.0000, 0.0000,  
0.0000

61.4020, 37.7628,  
68.0534

154.1040, 32.9797,  
62.1758

45.9570, 32.5592,  
57.0427

182.7020, 32.6849,  
63.4053

35.1480, 26.0560,  
42.8432

199.8220, 27.2028,  
48.3911

24.9370, 19.2581,  
29.8733

216.8450, 18.8104,  
33.4619

13.9430, 13.3391,  
14.9590

233.8680, 10.4181,  
18.5328

2.6390, 7.5730,  
-2.3144

250.8910, 2.0257,

0.0000, 0.0000,

3.6036

0.0000

■ 96.9190, 33.5639,  
61.4610

■ 96.9190, 33.5639,  
61.4610

■ 86.9400, 38.4836,  
70.2126

■ 106.8980, 28.6443,  
52.7095

■ 77.4340, 42.6770,  
78.5494

■ 116.4040, 24.4508,  
44.3727

■ 68.6290, 47.0179,  
86.2714

■ 126.3830, 19.5312,  
35.6211

■ 136.3620, 14.6115,  
26.8695

■ 146.3410, 9.6919,  
18.1179

■ 155.8470, 5.4984,  
9.7812

■ 165.8260, 0.5788,  
1.0296

■ 175.8050, -4.3409,  
-7.7220

■ 185.3110, -8.5343,  
-16.0587

# Harmonies

## Analogous

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



99.0000, 53.7370, -15.7860



96.9190, 33.5639, 61.4610



71.9980, 17.2560, 112.2578

# Triad

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



96.9190, 33.5639, 61.4610



95.4990, -47.0810, 27.6264



91.8600, 32.1140, -80.5612

# Complementary

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



96.9190, 33.5639, 61.4610



118.0810, -33.5639, -61.4610

# 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.



84.3190, 5.7587, -73.9478



96.9190, 33.5639, 61.4610



86.9510, -42.8668, -17.4970

# Square

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



96.9190, 33.5639, 61.4610



92.8060, -45.7534, 68.5761



75.0340, -22.2018, -65.8048



94.7560, 53.3643, -83.1010



# Rectangle

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



96.9190, 33.5639, 61.4610



70.4980, -1.2315, 115.3273



75.0340, -22.2018, -65.8048



89.5800, 23.3781, -78.5617

# Sweetspot

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



96.9190, 33.5639, 61.4610



189.8840, 12.8752, 23.7807



62.1640, 51.6841, -10.6678



93.4500, 7.6661, 14.5143



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



96.9190, 33.5639, 61.4610



106.8890, 52.8057, 96.5673



90.1930, 7.7929, 67.3597



79.3040, 2.3151, 4.1184



60.7820, 41.5195, 76.4902



8.2600, 5.7878, 10.2960



# Inverse Universe

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



96.9190, 33.5639, 61.4610



106.8890, 52.8057, 96.5673



124.8070, -7.7929, -67.3597



79.3040, 2.3151, 4.1184



60.7820, 41.5195, 76.4902



8.2600, 5.7878, 10.2960



# Previews

## White Background



This preview shows how the YUV color 96.9190, 33.5639, 61.4610 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 96.9190, 33.5639, 61.4610 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

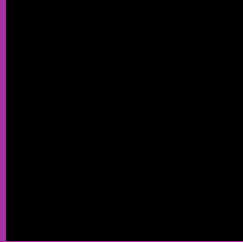
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 96.9190, 33.5639, 61.4610

## Background



This preview shows how black text looks on a background with the YUV color 96.9190, 33.5639, 61.4610.



This preview shows how white text looks on a background with the YUV color 96.9190, 33.5639,

61.4610.

# 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

96.9190, 33.5639, 61.4610

### Protanopia

81.3520, 62.9305, -71.3457

### Deuteranopia

99.8980, 28.1513, -22.7125



## Tritanopia

101.2020, -9.4666, 49.8118

# Trichromacy



## Original Color

96.9190, 33.5639, 61.4610



## Protanomaly

87.2010, 52.1589, -22.9783



## Deuteranomaly

98.6660, 30.2377, 8.1859



## Tritanomaly

99.6490, 6.0890, 53.8048

# Monochromacy



## Original Color

96.9190, 33.5639, 61.4610



## Achromatopsia

97.0000, 0.0000, 0.0000



## Achromatomaly

96.7590, 12.4438, 22.1364

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 96.9190, 33.5639, 61.4610 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(167, 48, 165)` looks like.

```
.text, #text, p{  
    color:rgb(167, 48, 165)  
}
```

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(167, 48, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 48, 165) }
```

## Border

The CSS property to change the border of an element to YUV 96.9190, 33.5639, 61.4610 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(167, 48, 165) }
```



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

```
.border{ border-color:rgb(167, 48, 165) }
```

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

Here you see how a box with a 4 pixel rgb(167, 48, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 48, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 48, 165);  
box-shadow:4px 4px 4px 4px rgb(167, 48,  
165) }
```

# Background

The CSS property to change the background color of an element to YUV 96.9190, 33.5639, 61.4610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 48, 165) }
```

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

```
.background{ background-color: rgb(167, 48,  
165) }
```

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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