

# Converting Colors

YUV(125.4690, 35.7578,  
10.9897)

Have a look what the booklet for  
YUV(125.4690, 35.7578, 10.9897)  
contains.

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# Color

**YUV(125.4690, 35.7578,  
10.9897)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A69C6
RGB	138, 105, 198
RGB Percent	54%, 41%, 78%
CMY	0.4588, 0.5882, 0.2235
CMYK	0.30, 0.47, 0.00, 0.22
HSL	261°, 45%, 59%
HSV	261°, 47%, 78%
XYZ	25.7259, 19.5836, 55.8502
YIQ	125.4690, -10.1850, 35.9190

# Conversions

## Conversions Part 2

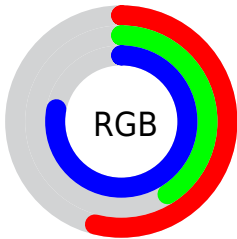
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	138, 105, 198
Decimal	9071046
CIE Lab	51.36, 33.07, -43.95
CIE LCh	51, 55.006, 306.958
Yxy	19.5836, 0.2543, 0.1936
Android (android.graphics.Color)	4287261126 (0xFF8A69C6)
YUV	125.4690, 35.7578, 10.9897
Hunter-Lab	44.2534, 26.3240, -43.8498

# Details

The YUV color **125.4690, 35.7578, 10.9897** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **177.5310, -35.7578, -10.9897**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2350, 37.3521, 12.9489**, and **75.2900, 33.8740, 8.5157** is the 20% darker color. If you saturate the color by 10%, you get **109.8420, 43.4619, 13.2936**, and if you desaturate by 10%, it is **141.0960, 28.0537, 8.6858**.

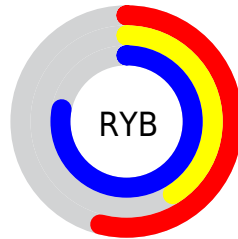
# Distribution



Red (54%)

Green (41%)

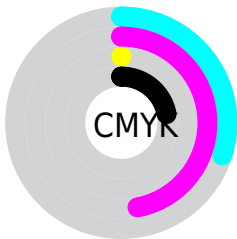
Blue (78%)



Red (54%)

Yellow (41%)

Blue (78%)

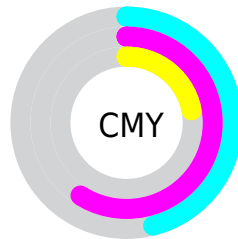


Cyan (30%)

Magenta (47%)

Yellow (0%)

Black (22%)



Cyan (46%)

Magenta (59%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 125.4690, 35.7578, 10.9897 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 125.4690, 35.7578, 10.9897 by changing the saturation by 10% instead.



■ 125.4690, 35.7578,  
10.9897

■ 125.4690, 35.7578,  
10.9897

255.0000, 0.0000,  
0.0000

■ 99.5290, 34.7422,  
10.0601

■ 179.2350, 37.3521,  
12.9489

■ 75.2900, 33.8740,  
8.5157

■ 203.4560, 25.4112,  
16.2631

■ 50.6380, 32.7165,  
6.4565

■ 228.8620, 12.8860,  
20.2920

■ 26.5020, 32.2905,  
3.0677

■ 246.1950, 4.3409,  
7.7220

■ 8.9480, 29.1126,  
-4.3394

■ 6.8910, 18.7877,  
-6.0434

■ 3.2090, 9.7570,

-2.8143

■ 0.0000, 0.0000,  
0.0000

■ 125.4690, 35.7578,  
10.9897

■ 125.4690, 35.7578,  
10.9897

■ 109.8420, 43.4619,  
13.2936

■ 141.0960, 28.0537,  
8.6858

■ 94.2150, 51.1660,  
15.5974

■ 156.7230, 20.3496,  
6.3819

■ 79.4740, 58.4333,  
18.0013

■ 171.4640, 13.0822,  
3.9781

■ 63.8470, 66.1374,  
20.3052

■ 187.0910, 5.3781,  
1.6742

■ 48.2200, 73.8415,  
22.6091

■ 202.7180, -2.3260,  
-0.6297

■ 43.5020, 76.1675,  
23.2387

■ 218.3450,  
-10.0301, -2.9336

■ 233.6730,  
-17.5868, -5.8522

■ 244.0170,  
-22.6864, -3.5229

■ 247.9040,  
-24.6027, 4.4692

# Harmonies

## Analogous

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



103.3920, 55.5157, -73.1348



125.4690, 35.7578, 10.9897



124.0480, 17.7243, 55.2089

# Triad

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



125.4690, 35.7578, 10.9897



118.0810, -42.9309, 49.9180



100.1630, 15.6956, -87.8430

# Complementary

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



125.4690, 35.7578, 10.9897



177.5310, -35.7578, -10.9897

# 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.



92.9300, -4.4025, -81.4996



125.4690, 35.7578, 10.9897



114.7060, -51.1271, 18.6748

# Square

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



125.4690, 35.7578, 10.9897



118.6210, -24.9562, 71.3694



109.5190, -34.2729, -20.6262



104.2330, 36.3671, -91.4123



# Rectangle

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



125.4690, 35.7578, 10.9897



120.6020, 4.1402, 72.2630



109.5190, -34.2729, -20.6262



97.7520, 8.9963, -85.7285

# Sweetspot

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



125.4690, 35.7578, 10.9897



226.9910, 13.8084, 4.3929



150.8220, 23.2588, -40.1859



110.9000, 8.4303, 2.7187



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



125.4690, 35.7578, 10.9897



143.5510, 54.9444, 17.0568



139.2230, 28.9771, 39.2694



91.9230, 3.4890, 0.9445



35.9240, 62.6485, 19.3607



7.9910, 13.8084, 4.3929



# Inverse Universe

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



139.6470, 12.4990, 51.1756



165.2450, 19.1062, 78.7151



163.7770, -28.9771, -39.2694



93.3750, 1.2941, 4.9331



60.7070, 21.8364, 89.7110



13.3860, 4.7397, 19.8325



# Previews

## White Background



This preview shows how the YUV color 125.4690, 35.7578, 10.9897 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

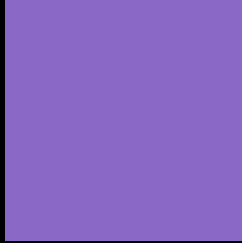
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 125.4690, 35.7578, 10.9897 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

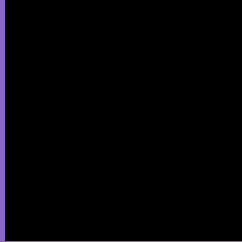
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 125.4690, 35.7578, 10.9897

## Background



This preview shows how black text looks on a background with the YUV color 125.4690, 35.7578, 10.9897.



This preview shows how white text looks on a background with the YUV color 125.4690, 35.7578,



# 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

125.4690, 35.7578, 10.9897

### Protanopia

118.4250, 45.6395, -31.9447

### Deuteranopia

118.8350, 37.0563, -32.3043



## Tritanopia

123.2220, 3.3416, 1.5593

# Trichromacy



## Original Color

125.4690, 35.7578, 10.9897

## Protanomaly

120.9000, 41.9543, -16.5753

## Deuteranomaly

120.8200, 36.5707, -16.5051

## Tritanomaly

124.0450, 15.2608, 5.2225

# Monochromacy



## Original Color

125.4690, 35.7578, 10.9897

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

125.4640, 13.0822, 3.9781

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.4690, 35.7578, 10.9897 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(138, 105, 198)` looks like.

```
.text, #text, p{  
    color:rgb(138, 105, 198)  
}
```

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(138, 105, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 105, 198) }
```

## Border

The CSS property to change the border of an element to YUV 125.4690, 35.7578, 10.9897 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(138, 105, 198) }
```



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

```
.border{ border-color:rgb(138, 105, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 105, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 105, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 105, 198);  
box-shadow:4px 4px 4px 4px rgb(138, 105,  
198) }
```

# Background

The CSS property to change the background color of an element to YUV 125.4690, 35.7578, 10.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 105, 198) }
```

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

```
.background{ background-color: rgb(138,  
105, 198) }
```

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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