

# Converting Colors

YUV(135.2070, 39.8309,  
11.2195)

Have a look what the booklet for  
YUV(135.2070, 39.8309, 11.2195)  
contains.

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# Color

**YUV(135.2070, 39.8309,  
11.2195)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9471D8
RGB	148, 113, 216
RGB Percent	58%, 44%, 85%
CMY	0.4196, 0.5569, 0.1529
CMYK	0.31, 0.48, 0.00, 0.15
HSL	260°, 57%, 65%
HSV	260°, 48%, 85%
XYZ	30.5125, 23.0640, 67.8094
YIQ	135.2070, -12.2030, 39.4530

# Conversions

## Conversions Part 2

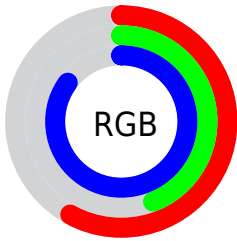
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 113, 216
Decimal	9728472
CIE <sub>Lab</sub>	55.14, 35.73, -48.14
CIE <sub>LCh</sub>	55, 59.952, 306.582
Yxy	23.0640, 0.2514, 0.1900
Android (android.graphics.Color)	4287918552 (0xFF9471D8)
YUV	135.2070, 39.8309, 11.2195
Hunter-Lab	48.0250, 29.3656, -50.0975

# Details

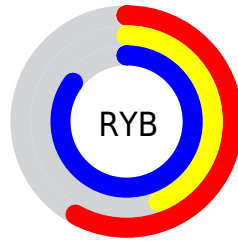
The YUV color **135.2070, 39.8309, 11.2195** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **193.7930, -39.8309, -11.2195**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9210, 33.5629, 14.9783**, and **83.7290, 38.0946, 8.1307** is the 20% darker color. If you saturate the color by 10%, you get **118.1070, 48.2612, 13.9382**, and if you desaturate by 10%, it is **152.3070, 31.4006, 8.5008**.

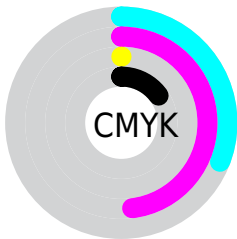
# Distribution



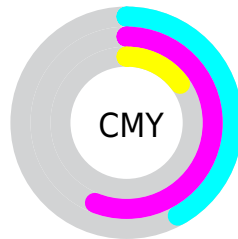
- Red (58%)
- Green (44%)
- Blue (85%)



- Red (58%)
- Yellow (44%)
- Blue (85%)



- Cyan (31%)
- Magenta (48%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (56%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.2070, 39.8309, 11.2195 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 135.2070, 39.8309, 11.2195 by changing the saturation by 10% instead.



135.2070, 39.8309,  
11.2195

135.2070, 39.8309,  
11.2195

255.0000, 0.0000,  
0.0000

109.2670, 38.8154,  
10.2898

186.9210, 33.5629,  
14.9783

83.7290, 38.0946,  
8.1307

212.3270, 21.0378,  
19.0072

59.0770, 36.9370,  
6.0715

235.0420, 9.8393,  
17.5032

34.2400, 36.3637,  
3.2975

252.0650, 1.4470,  
2.5740

10.0600, 35.9594,  
-7.0686

6.7260, 25.7711,  
-5.8987

5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 0.0000, 0.0000,  
0.0000

■ 135.2070, 39.8309,  
11.2195

■ 135.2070, 39.8309,  
11.2195

■ 118.1070, 48.2612,  
13.9382

■ 152.3070, 31.4006,  
8.5008

■ 101.2950, 56.5496,  
15.5273

■ 169.1190, 23.1123,  
6.9116

■ 84.1950, 64.9799,  
18.2460

■ 186.2190, 14.6820,  
4.1929

■ 67.6820, 73.1208,  
20.4499

■ 202.7320, 6.5411,  
1.9890

■ 50.5820, 81.5511,  
23.1686

■ 219.8320, -1.8892,  
-0.7297

■ 46.4510, 83.5877,  
23.2835

■ 237.2310,  
-10.4669, -2.8336

■ 248.4610,  
-16.0033, -0.4043

■ 250.5540,  
-17.0351, 3.8991

# Harmonies

## Analogous

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



105.5620, 64.3059, -92.5779



135.2070, 39.8309, 11.2195



133.3630, 20.0340, 61.0716

# Triad

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



135.2070, 39.8309, 11.2195



127.1480, -47.8940, 55.1212



107.7600, 16.8803, -94.5055

# Complementary

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



135.2070, 39.8309, 11.2195



193.7930, -39.8309, -11.2195

# 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.



99.8430, -5.8386, -87.5623



135.2070, 39.8309, 11.2195



122.2520, -59.2842, 21.7040

# Square

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



135.2070, 39.8309, 11.2195



127.5080, -26.8724, 79.3615



117.7700, -38.3406, -22.6003



112.9870, 39.4464, -99.0896



# Rectangle

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



135.2070, 39.8309, 11.2195



129.5860, 5.1341, 80.1701



117.7700, -38.3406, -22.6003



105.7080, 9.0180, -92.7059

# Sweetspot

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



135.2070, 39.8309, 11.2195



226.6920, 13.9558, 3.7781



165.2450, 25.0222, -45.8189



110.6010, 8.5777, 2.1039



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.



135.2070, 39.8309, 11.2195



141.1810, 56.1128, 15.6273



150.4560, 32.3132, 42.5731



98.4500, 4.2152, 1.3594



36.8360, 66.1429, 18.5608



9.3870, 16.5712, 4.9226



# Inverse Universe

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



151.5490, 14.5193, 56.5235



164.2990, 20.5586, 79.5448



178.5440, -32.3132, -42.5731



100.0870, 1.4361, 6.0627



64.0110, 24.1516, 93.8294

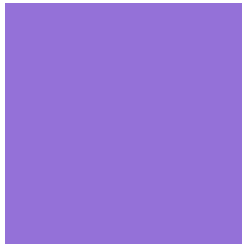


16.1630, 6.3286, 23.5360



# Previews

## White Background



This preview shows how the YUV color 135.2070, 39.8309, 11.2195 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

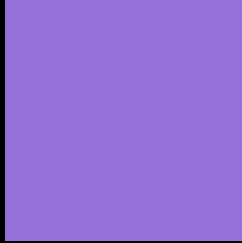
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 135.2070, 39.8309, 11.2195 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

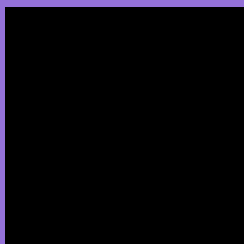
Any Text WCAG AA ✓ Pass

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 135.2070, 39.8309, 11.2195 Background



This preview shows how black text looks on a background with the YUV color 135.2070, 39.8309, 11.2195.



This preview shows how white text looks on a background with the YUV color 135.2070, 39.8309, 11.2195.



# 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

135.2070, 39.8309, 11.2195

### Protanopia

127.7710, 50.8919, -36.6332

### Deuteranopia

127.0670, 41.8720, -36.8928



## Tritanopia

132.7380, 4.0732, 0.2298

# Trichromacy



## Original Color

135.2070, 39.8309, 11.2195

## Protanomaly

130.5560, 47.0539, -18.9046

## Deuteranomaly

129.9490, 40.9441, -19.2493

## Tritanomaly

133.2020, 17.1554, 4.2078

# Monochromacy



## Original Color

135.2070, 39.8309, 11.2195

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

135.1050, 14.2452, 4.2929

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.2070, 39.8309, 11.2195 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(148, 113, 216)` looks like.

```
.text, #text, p{  
    color:rgb(148, 113, 216)  
}
```

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(148, 113, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 113, 216) }
```

## Border

The CSS property to change the border of an element to YUV 135.2070, 39.8309, 11.2195 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(148, 113, 216) }
```



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

```
.border{ border-color:rgb(148, 113, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 113, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 113, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 113, 216);  
box-shadow:4px 4px 4px 4px rgb(148, 113,  
216) }
```

# Background

The CSS property to change the background color of an element to YUV 135.2070, 39.8309, 11.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 113, 216) }
```

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

```
.background{ background-color: rgb(148,  
113, 216) }
```

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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