

# Converting Colors

YUV(129.2390, 11.2212,  
41.0094)

Have a look what the booklet for  
YUV(129.2390, 11.2212, 41.0094)  
contains.

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# Color

**YUV(129.2390, 11.2212,  
41.0094)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B06598
RGB	176, 101, 152
RGB Percent	69%, 40%, 60%
CMY	0.3098, 0.6039, 0.4039
CMYK	0.00, 0.43, 0.14, 0.31
HSL	319°, 32%, 54%
HSV	319°, 43%, 69%
XYZ	28.2257, 20.8045, 32.2338
YIQ	129.2390, 28.3290, 31.7610

# Conversions

## Conversions Part 2

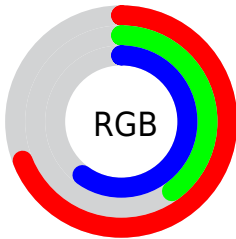
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 101, 152
Decimal	11560344
CIELab	52.73, 37.31, -14.79
CIELCh	53, 40.136, 338.382
Yxy	20.8045, 0.3473, 0.2560
Android (android.graphics.Color)	4289750424 (0xFFB06598)
YUV	129.2390, 11.2212, 41.0094
Hunter-Lab	45.6119, 30.6389, -9.9717

# Details

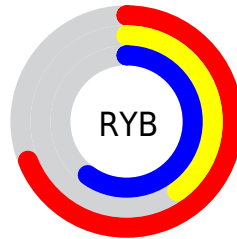
The YUV color **129.2390, 11.2212, 41.0094** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **147.7610, -11.2212, -41.0094**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.5490, 11.0683, 43.3685**, and **77.9290, 11.3740, 38.6503** is the 20% darker color. If you saturate the color by 10%, you get **117.9890, 13.8094, 50.8756**, and if you desaturate by 10%, it is **140.4890, 8.6329, 31.1431**.

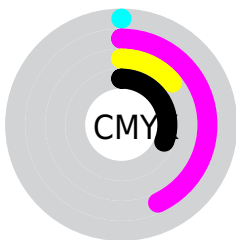
# Distribution



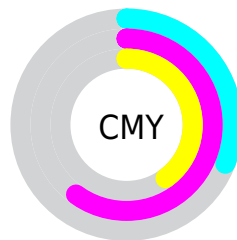
- Red (69%)
- Green (40%)
- Blue (60%)



- Red (69%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (43%)
- Yellow (14%)
- Black (31%)




- Cyan (31%)
- Magenta (60%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 129.2390, 11.2212, 41.0094 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 129.2390, 11.2212, 41.0094 by changing the saturation by 10% instead.





 129.2390, 11.2212,  
41.0094


 129.2390, 11.2212,  
41.0094


255.0000, 0.0000,  
0.0000


 103.5270, 11.0792,  
39.8798


 183.5490, 11.0683,  
43.3685


 77.9290, 11.3740,  
38.6503


 209.2820, 12.6790,  
40.0947


 52.7440, 11.9582,  
37.9355

 227.9980, 13.3120,  
23.6808

 27.0860, 13.2686,  
37.6356

 245.0210, 4.9196,  
8.7516

 17.8150, 7.4862,  
25.5952

 4.5710, 0.7045,  
7.3922

 0.0000, 0.0000,

0.0000

■ 129.2390, 11.2212,  
41.0094

■ 129.2390, 11.2212,  
41.0094

■ 117.9890, 13.8094,  
50.8756

■ 140.4890, 8.6329,  
31.1431

■ 107.4400, 16.5451,  
60.1271

■ 151.0380, 5.8973,  
21.8917

■ 96.1900, 19.1333,  
69.9934

■ 162.2880, 3.3090,  
12.0254

■ 85.5270, 21.4322,  
79.3448

■ 172.9510, 1.0102,  
2.6740

■ 74.3910, 24.4572,  
89.1111

■ 184.0870, -2.0149,  
-7.0923

■ 66.3040, 26.4721,  
96.2034

■ 195.3370, -4.6031,  
-16.9585

■ 205.8860, -7.3388,  
-26.2100

■ 217.1360, -9.9270,  
-36.0763

■ 225.4510,  
-11.0683, -43.3685

# Harmonies

## Analogous

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



129.0100, 25.1381, 10.5152



129.2390, 11.2212, 41.0094



127.0870, -4.9729, 55.1747

# Triad

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



129.2390, 11.2212, 41.0094



121.7820, -32.9235, 13.3462



102.5060, 32.2885, -89.8978

# Complementary

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



129.2390, 11.2212, 41.0094



147.7610, -11.2212, -41.0094

# 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.



99.3310, 17.5848, -87.1133



129.2390, 11.2212, 41.0094



117.7120, -23.5220, -15.5334

# Square

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



129.2390, 11.2212, 41.0094



124.3920, -31.2523, 37.3672



109.5900, -5.2209, -52.2604



101.3780, 43.1976, -88.9085



# Rectangle

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



129.2390, 11.2212, 41.0094



126.0410, -15.3032, 55.2150



109.5900, -5.2209, -52.2604



101.9530, 27.6312, -89.4128

# Sweetspot

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



129.2390, 11.2212, 41.0094



211.2500, 4.3137, 16.4438



116.7260, 29.2221, 7.2563



103.1630, 2.8776, 10.3810



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



129.2390, 11.2212, 41.0094



156.4020, 17.5498, 64.5454



125.0210, -4.9404, 44.7086



83.3750, 1.2941, 4.9331



57.6030, 22.8737, 83.6632



9.7120, 3.5930, 14.2846



# Inverse Universe

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



129.2390, 11.2212, 41.0094



156.4020, 17.5498, 64.5454



151.9790, 4.9404, -44.7086



83.3750, 1.2941, 4.9331



57.6030, 22.8737, 83.6632



9.7120, 3.5930, 14.2846



# Previews

## White Background



This preview shows how the YUV color 129.2390, 11.2212, 41.0094 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

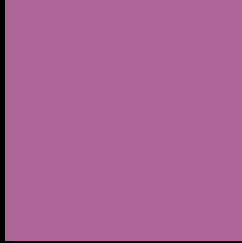
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 129.2390, 11.2212, 41.0094 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

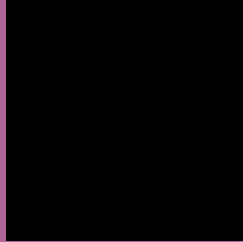
Any Text WCAG AA ✓ Pass

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 129.2390, 11.2212, 41.0094 Background



This preview shows how black text looks on a background with the YUV color 129.2390, 11.2212, 41.0094.



This preview shows how white text looks on a background with the YUV color 129.2390, 11.2212, 41.0094.



# 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

129.2390, 11.2212, 41.0094

### Protanopia

126.7270, 20.8406, -11.1616

### Deuteranopia

127.3450, 10.1829, 0.5744



## Tritanopia

128.0480, -5.9397, 38.5459

# Trichromacy



## Original Color

129.2390, 11.2212, 41.0094

## Protanomaly

127.6370, 17.4340, 8.2114

## Deuteranomaly

127.8460, 10.4289, 15.0441

## Tritanomaly

128.0680, 0.4595, 39.4054

# Monochromacy



## Original Color

129.2390, 11.2212, 41.0094

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.1250, 3.8824, 14.7994

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.2390, 11.2212, 41.0094 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(176, 101, 152)` looks like.

```
.text, #text, p{  
    color:rgb(176, 101, 152)  
}
```

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(176, 101, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 101, 152) }
```

## Border

The CSS property to change the border of an element to YUV 129.2390, 11.2212, 41.0094 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(176, 101, 152) }
```



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

```
.border{ border-color:rgb(176, 101, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 101, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 101, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 101, 152);  
box-shadow:4px 4px 4px 4px rgb(176, 101,  
152) }
```

# Background

The CSS property to change the background color of an element to YUV 129.2390, 11.2212, 41.0094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 101, 152) }
```

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

```
.background{ background-color: rgb(176,  
101, 152) }
```

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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