

# Converting Colors

YUV(139.3490, 4.2649, 32.1429)

Have a look what the booklet for  
YUV(139.3490, 4.2649, 32.1429)  
contains.

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# Color

**YUV(139.3490, 4.2649,  
32.1429)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B07794
RGB	176, 119, 148
RGB Percent	69%, 47%, 58%
CMY	0.3098, 0.5333, 0.4196
CMYK	0.00, 0.32, 0.16, 0.31
HSL	329°, 27%, 58%
HSV	329°, 32%, 69%
XYZ	29.8466, 24.5619, 31.1848
YIQ	139.3490, 24.6630, 21.1030

# Conversions

## Conversions Part 2

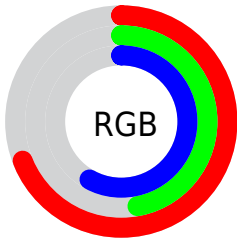
Format	Color
<b>RYB</b>	176, 119, 148
Decimal	11564948
CIELab	56.65, 26.72, -6.58
CIELCh	57, 27.520, 346.164
Yxy	24.5619, 0.3487, 0.2870
Android (android.graphics.Color)	4289755028 (0xFFB07794)
YUV	139.3490, 4.2649, 32.1429
Hunter-Lab	49.5599, 20.7686, -2.6153

# Details

The YUV color **139.3490, 4.2649, 32.1429** is a light color, and the websafe version is hex **996699**. A complement of this color would be **155.6510, -4.2649, -32.1429**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.3600, 4.2595, 33.8873**, and **88.0390, 4.4178, 29.7838** is the 20% darker color. If you saturate the color by 10%, you get **127.7570, 5.5428, 42.3091**, and if you desaturate by 10%, it is **150.9410, 2.9871, 21.9767**.

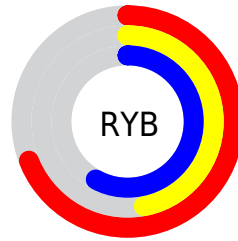
# Distribution



Red (69%)

Green (47%)

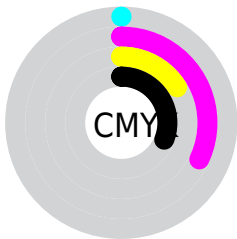
Blue (58%)



Red (69%)

Yellow (47%)

Blue (58%)

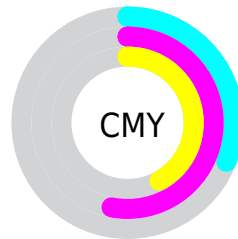


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (31%)



Cyan (31%)

Magenta (53%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.3490, 4.2649, 32.1429 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 139.3490, 4.2649, 32.1429 by changing the saturation by 10% instead.



 139.3490, 4.2649,  
32.1429


 139.3490, 4.2649,  
32.1429


255.0000, 0.0000,  
0.0000


 113.6370, 4.1230,  
31.0134

 193.3600, 4.2595,  
33.8873

 88.0390, 4.4178,  
29.7838


 219.2780, 5.2859,  
31.3282

 64.4410, 4.7126,  
28.5542

 239.1510, 7.8136,  
13.8996

 40.8430, 5.0074,  
27.3247

 18.3590, 5.7390,  
25.9952

 7.4040, -2.6642,  
14.5547

 0.0000, 0.0000,

0.0000

■ 139.3490, 4.2649,  
32.1429

■ 139.3490, 4.2649,  
32.1429

■ 127.7570, 5.5428,  
42.3091

■ 150.9410, 2.9871,  
21.9767

■ 116.8660, 6.9681,  
51.8605

■ 161.8320, 1.5618,  
12.4253

■ 105.2740, 8.2459,  
62.0267

■ 173.4240, 0.2840,  
2.2592

■ 94.2690, 9.2344,  
71.6781

■ 184.4290, -0.7045,  
-7.3922

■ 82.7910, 10.9490,  
81.7443

■ 195.9070, -2.4192,  
-17.4584

■ 71.1990, 12.2269,  
91.9105

■ 207.4990, -3.6970,  
-27.6246

■ 62.8840, 13.3682,  
99.2027

■ 218.5040, -4.6855,  
-37.2760

■ 227.0470, -4.9532,  
-44.7682

■ 228.0730, -1.0220,  
-45.6680

# Harmonies

## Analogous

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



138.9860, 14.7969, 14.0443



139.3490, 4.2649, 32.1429



138.4180, -7.1081, 39.9754

# Triad

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



139.3490, 4.2649, 32.1429



133.3000, -21.8399, 4.9989



123.0110, 23.1656, -57.0146

# Complementary

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



139.3490, 4.2649, 32.1429



155.6510, -4.2649, -32.1429

# 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.



121.9760, 12.8298, -55.2300



139.3490, 4.2649, 32.1429



130.2310, -13.9179, -15.9886

# Square

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



139.3490, 4.2649, 32.1429



135.5950, -22.4783, 23.1572



126.1280, -1.0491, -36.9463



129.2290, 26.0161, -37.9118



# Rectangle

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



139.3490, 4.2649, 32.1429



137.5720, -14.0860, 38.0864



126.1280, -1.0491, -36.9463



121.6040, 20.4082, -59.2887

# Sweetspot

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



139.3490, 4.2649, 32.1429



215.1310, 1.4144, 13.0401



133.8700, 20.7701, 11.5150



105.9840, 0.9939, 7.9070



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.



139.3490, 4.2649, 32.1429



172.1540, 6.8261, 50.7309



136.1570, -7.9654, 34.9423



83.2610, 0.8573, 5.0331



54.6390, 11.5170, 86.2626



9.2560, 1.8458, 14.6845



# Inverse Universe

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



139.3490, 4.2649, 32.1429



172.1540, 6.8261, 50.7309



158.8430, 7.9654, -34.9423



83.2610, 0.8573, 5.0331



54.6390, 11.5170, 86.2626

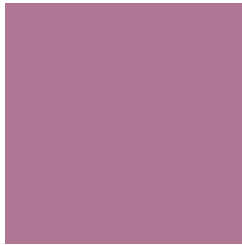


9.2560, 1.8458, 14.6845



# Previews

## White Background



This preview shows how the YUV color 139.3490, 4.2649, 32.1429 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

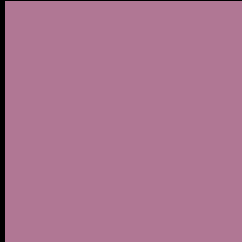
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 139.3490, 4.2649, 32.1429 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

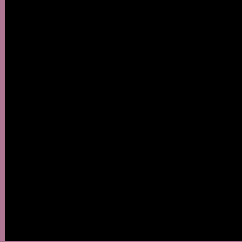
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.3490, 4.2649, 32.1429

## Background



This preview shows how black text looks on a background with the YUV color 139.3490, 4.2649, 32.1429.



This preview shows how white text looks on a background with the YUV color 139.3490, 4.2649,



# 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

139.3490, 4.2649, 32.1429

### Protanopia

136.7250, 10.4886, -4.1438

### Deuteranopia

137.4830, 4.1989, 6.5924



## Tritanopia

138.5740, -3.7340, 31.0686

# Trichromacy



## Original Color

139.3490, 4.2649, 32.1429

## Protanomaly

137.5310, 8.1192, 9.1813

## Deuteranomaly

137.9510, 4.4612, 15.8290

## Tritanomaly

138.9700, -0.9712, 31.5983

# Monochromacy



## Original Color

139.3490, 4.2649, 32.1429

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

139.1200, 1.4198, 11.2958

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.3490, 4.2649, 32.1429 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, 119, 148)` looks like.

```
.text, #text, p{  
    color:rgb(176, 119, 148)  
}
```

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, 119, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 119, 148) }
```

## Border

The CSS property to change the border of an element to YUV 139.3490, 4.2649, 32.1429 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".

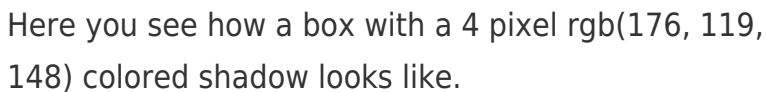
```
.border, #border, table{ border:4px solid rgb(176, 119, 148) }
```



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

```
.border{ border-color:rgb(176, 119, 148) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 119, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 119, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 119, 148); box-shadow:4px 4px 4px 4px rgb(176, 119, 148) }
```

# Background

The CSS property to change the background color of an element to YUV 139.3490, 4.2649, 32.1429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 119, 148) }
```

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

```
.background{ background-color: rgb(176,  
119, 148) }
```

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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