

# Converting Colors

YUV(139.9480, 2.4906, 41.2646)

Have a look what the booklet for  
YUV(139.9480, 2.4906, 41.2646)  
contains.

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# Color

**YUV(139.9480, 2.4906,  
41.2646)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB7391
RGB	187, 115, 145
RGB Percent	73%, 45%, 57%
CMY	0.2667, 0.5490, 0.4314
CMYK	0.00, 0.39, 0.22, 0.27
HSL	335°, 35%, 59%
HSV	335°, 39%, 73%
XYZ	31.7351, 24.8706, 29.9159
YIQ	139.9480, 33.2820, 24.5940

# Conversions

## Conversions Part 2

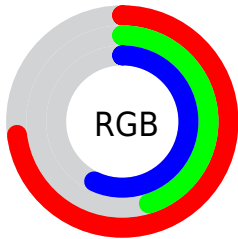
Format	Color
<b>R<sub>YB</sub></b>	187, 115, 145
Decimal	12284817
CIE <sub>Lab</sub>	56.95, 32.44, -4.25
CIE <sub>LCh</sub>	57, 32.714, 352.543
Yxy	24.8706, 0.3668, 0.2874
Android (android.graphics.Color)	4290474897 (0xFFBB7391)
YUV	139.9480, 2.4906, 41.2646
Hunter-Lab	49.8704, 26.3154, -0.6572

# Details

The YUV color **139.9480, 2.4906, 41.2646** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **162.0520, -2.4906, -41.2646**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.2580, 2.3378, 43.6237**, and **88.4530, 3.2277, 38.1907** is the 20% darker color. If you saturate the color by 10%, you get **127.5410, 3.1843, 52.1455**, and if you desaturate by 10%, it is **152.3550, 1.7970, 30.3837**.

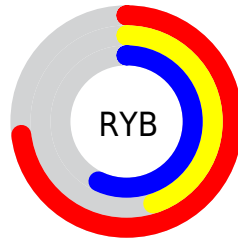
# Distribution



Red (73%)

Green (45%)

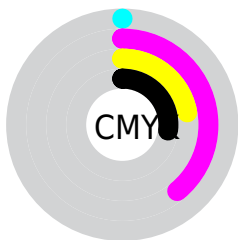
Blue (57%)



Red (73%)

Yellow (45%)

Blue (57%)

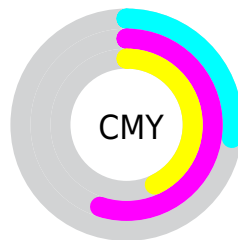


Cyan (0%)

Magenta (39%)

Yellow (22%)

Black (27%)



Cyan (27%)

Magenta (55%)


Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 139.9480, 2.4906, 41.2646 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 139.9480, 2.4906, 41.2646 by changing the saturation by 10% instead.




 139.9480, 2.4906,  
41.2646

 139.9480, 2.4906,  
41.2646

255.0000, 0.0000,  
0.0000

 113.9370, 2.4961,  
39.5203

 194.2580, 2.3378,  
43.6237

 88.4530, 3.2277,  
38.1907

 217.1750, 4.8437,  
33.1725


 63.8550, 3.5225,  
36.9612

 236.8030, 8.9711,  
15.9588

 38.8980, 4.9803,  
36.0465

253.8260, 0.5788,  
1.0296

 19.6370, 4.1230,  
31.0134

 9.9810, -4.4276,  
20.1877

 0.0000, 0.0000,

0.0000

■ 139.9480, 2.4906,  
41.2646

■ 139.9480, 2.4906,  
41.2646

■ 127.5410, 3.1843,  
52.1455

■ 152.3550, 1.7970,  
30.3837

■ 115.7210, 3.5885,  
62.5117

■ 164.1750, 1.3927,  
20.0175

■ 103.3140, 4.2822,  
73.3926

■ 176.5820, 0.6991,  
9.1366

■ 90.9070, 4.9758,  
84.2736

■ 188.9890, 0.0054,  
-1.7444

■ 79.0870, 5.3801,  
94.6397

■ 201.3960, -0.6882,  
-12.6253

■ 66.7940, 6.5106,  
105.4207

■ 213.1020, -1.5293,  
-22.8915

■ 64.8050, 6.5051,  
107.1650

■ 225.5090, -2.2229,  
-33.7724

■ 232.0460, -0.0227,  
-39.5053

■ 233.3000, 4.7821,  
-40.6051

# Harmonies

## Analogous

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



140.8560, 15.3540, 22.0513



139.9480, 2.4906, 41.2646



138.7240, -11.2029, 46.7231

# Triad

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



139.9480, 2.4906, 41.2646



132.5830, -24.4444, 0.3657



115.2840, 32.3980, -78.3021

# Complementary

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



139.9480, 2.4906, 41.2646



162.0520, -2.4906, -41.2646

# 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.



111.1230, 23.1104, -86.0539



139.9480, 2.4906, 41.2646



128.2900, -13.4540, -24.8103

# Square

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



139.9480, 2.4906, 41.2646



135.6290, -27.4251, 23.1274



121.7670, 3.0729, -52.4157



129.8740, 31.1211, -41.9855



# Rectangle

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



139.9480, 2.4906, 41.2646



137.6390, -19.0490, 43.2896



121.7670, 3.0729, -52.4157



109.0820, 32.0046, -92.1569

# Sweetspot

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



139.9480, 2.4906, 41.2646



223.0390, 0.9668, 16.6288



135.7660, 25.2584, 18.6222



110.8810, 0.5517, 9.7514



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



139.9480, 2.4906, 41.2646



169.4330, 3.7305, 63.6413



140.0500, -12.3497, 41.1751



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584



# Inverse Universe

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



139.9480, 2.4906, 41.2646



169.4330, 3.7305, 63.6413



161.9500, 12.3496, -41.1752



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362

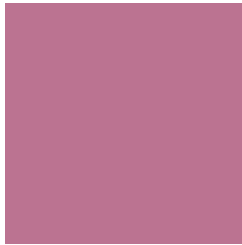


10.7510, 1.1088, 17.7584



# Previews

## White Background



This preview shows how the YUV color 139.9480, 2.4906, 41.2646 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

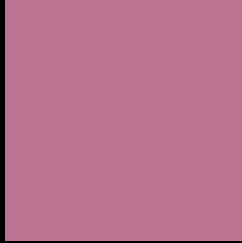
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 139.9480, 2.4906, 41.2646 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

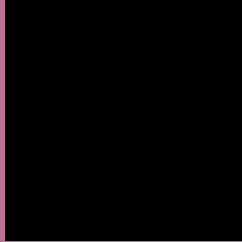
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 139.9480, 2.4906, 41.2646

## Background



This preview shows how black text looks on a background with the YUV color 139.9480, 2.4906, 41.2646.



This preview shows how white text looks on a background with the YUV color 139.9480, 2.4906,



# 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

139.9480, 2.4906, 41.2646

### Protanopia

137.6110, 10.0518, -4.0438

### Deuteranopia

138.5110, 1.7201, 8.3219



## Tritanopia

139.0590, -5.9451, 40.2903

# Trichromacy



## Original Color

139.9480, 2.4906, 41.2646

## Protanomaly

138.3250, 7.2348, 12.8700

## Deuteranomaly

138.7020, 2.1189, 20.4323

## Tritanomaly

139.5690, -2.7455, 40.7200

# Monochromacy



## Original Color

139.9480, 2.4906, 41.2646

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

140.0280, 0.9722, 14.8844

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.9480, 2.4906, 41.2646 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(187, 115, 145)` looks like.

```
.text, #text, p{  
    color:rgb(187, 115, 145)  
}
```

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(187, 115, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 115, 145) }
```

## Border

The CSS property to change the border of an element to YUV 139.9480, 2.4906, 41.2646 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".

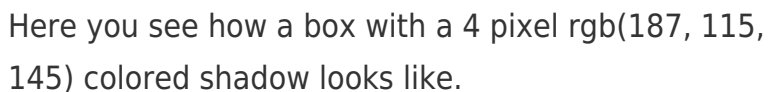
```
.border, #border, table{ border:4px solid rgb(187, 115, 145) }
```



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

```
.border{ border-color:rgb(187, 115, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 115, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 115, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 115, 145); box-shadow:4px 4px 4px 4px rgb(187, 115, 145) }
```

# Background

The CSS property to change the background color of an element to YUV 139.9480, 2.4906, 41.2646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 115, 145) }
```

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

```
.background{ background-color: rgb(187,  
115, 145) }
```

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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