

# Converting Colors

YUV(139.0500, 44.8383,  
38.5441)

Have a look what the booklet for  
YUV(139.0500, 44.8383, 38.5441)  
contains.

|  |    |
|--|----|
| <b>YUV(139.0500, 44.8383, 38.5441)</b> .....   | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**YUV(139.0500, 44.8383,  
38.5441)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | B763E6                    |
| RGB         | 183, 99, 230              |
| RGB Percent | 72%, 39%, 90%             |
| CMY         | 0.2824, 0.6118, 0.0980    |
| CMYK        | 0.20, 0.57, 0.00, 0.10    |
| HSL         | 278°, 72%, 65%            |
| HSV         | 278°, 57%, 90%            |
| XYZ         | 38.2732, 24.7041, 77.6141 |
| YIQ         | 139.0500, 8.0130, 58.5490 |

# Conversions

## Conversions Part 2

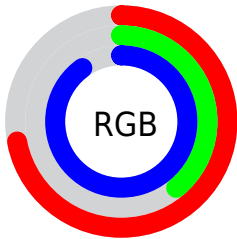
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 183, 99, 230                  |
| Decimal                             | 12018662                      |
| CIE <sub>Lab</sub>                  | 56.79, 55.49, -53.17          |
| CIE <sub>LCh</sub>                  | 57, 76.849, 316.226           |
| Yxy                                 | 24.7041, 0.2722,<br>0.1757    |
| Android<br>(android.graphics.Color) | 4290208742<br>(0xFFB763E6)    |
| YUV                                 | 139.0500, 44.8383,<br>38.5441 |
| Hunter-Lab                          | 49.7033, 50.4704,<br>-57.7920 |

# Details

The YUV color **139.0500, 44.8383, 38.5441** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **189.9500, -44.8383, -38.5441**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2390, 31.4342, 44.5174**, and **83.9250, 44.4070, 36.8998** is the 20% darker color. If you saturate the color by 10%, you get **123.1570, 52.6736, 45.4663**, and if you desaturate by 10%, it is **154.9430, 37.0031, 31.6220**.

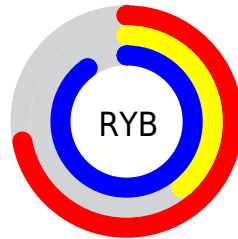
# Distribution



Red (72%)

Green (39%)

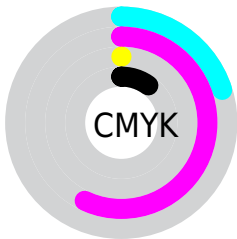
Blue (90%)



Red (72%)

Yellow (39%)

Blue (90%)

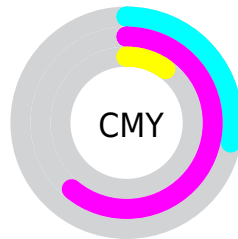


Cyan (20%)

Magenta (57%)

Yellow (0%)

Black (10%)



Cyan (28%)

Magenta (61%)


Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 139.0500, 44.8383, 38.5441 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 139.0500, 44.8383, 38.5441 by changing the saturation by 10% instead.





 139.0500, 44.8383,  
38.5441


 139.0500, 44.8383,  
38.5441

255.0000, 0.0000,  
0.0000


 111.6370, 44.5490,  
38.0294


 191.2390, 31.4342,  
44.5174


 83.9250, 44.4070,  
36.8998


 211.5620, 21.4149,  
38.0951


 53.9900, 45.8539,  
39.4738

 227.9980, 13.3120,  
23.6808

 34.9090, 41.9499,  
31.6518

 245.0210, 4.9196,  
8.7516

 23.6870, 35.1573,  
16.9375

 12.1660, 28.5122,  
1.6084

 7.7060, 19.3719,

-6.7582

■ 3.4370, 10.6306,  
-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 139.0500, 44.8383,  
38.5441

■ 139.0500, 44.8383,  
38.5441

■ 123.1570, 52.6736,  
45.4663

■ 154.9430, 37.0031,  
31.6220

■ 106.9650, 60.6563,  
51.7737

■ 171.1350, 29.0204,  
25.3146

■ 91.0720, 68.4915,  
58.6959

■ 187.0280, 21.1852,  
18.3924

■ 75.1790, 76.3268,  
65.6180

■ 202.9210, 13.3499,  
11.4703

70.1730, 78.7947,  
67.3773

218.8140, 5.5147,  
4.5481

235.0060, -2.4680,  
-1.7593

247.9640, -8.8563,  
-6.1074

250.3560,  
-10.0355, -1.1892

252.1500,  
-10.9200, 2.4994

# Harmonies

## Analogous

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



114.6270, 69.2039, -76.8489



139.0500, 44.8383, 38.5441



127.2350, 21.0831, 98.0179

# Triad

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



139.0500, 44.8383, 38.5441



128.4240, -63.3130, 54.0022



117.0500, 27.0904, -102.6529

# Complementary

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



139.0500, 44.8383, 38.5441



189.9500, -44.8383, -38.5441

# 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.



107.8960, -2.9067, -94.6248



139.0500, 44.8383, 38.5441



123.6970, -60.9826, 6.4047

# Square

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



139.0500, 44.8383, 38.5441



126.9430, -43.3559, 93.0120



106.4140, -38.6581, -60.8761



122.1290, 54.1664, -107.1071



# Rectangle

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



139.0500, 44.8383, 38.5441



120.7090, 2.1155, 115.1422



106.4140, -38.6581, -60.8761



113.8410, 17.3334, -99.8386

# Sweetspot

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



139.0500, 44.8383, 38.5441



224.9750, 14.8023, 12.2999



142.1100, 43.3298, -37.8075



109.7480, 8.9982, 7.2370



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.



139.0500, 44.8383, 38.5441



134.9110, 59.2039, 50.9441



151.1650, 30.4847, 69.1383



106.7600, 4.0623, 3.7185



54.4920, 61.3824, 52.1885



15.6810, 17.4123, 15.1888



# Inverse Universe

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



143.5270, 1.2192, 75.8368



140.7950, 1.5801, 100.1578



177.8350, -30.4847, -69.1383



107.0440, -0.0217, 6.9774



60.8170, 1.5692, 103.6465



17.3010, 0.3446, 29.5540



# Previews

## White Background



This preview shows how the YUV color 139.0500, 44.8383, 38.5441 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

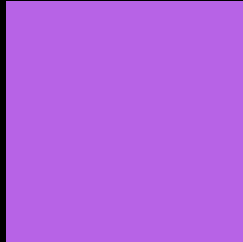
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 139.0500, 44.8383, 38.5441 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

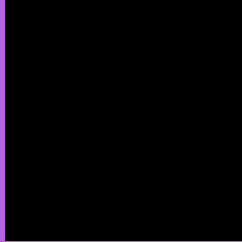
Any Text WCAG AA ✓ Pass

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 139.0500, 44.8383, 38.5441 Background



This preview shows how black text looks on a background with the YUV color 139.0500, 44.8383, 38.5441.



This preview shows how white text looks on a background with the YUV color 139.0500, 44.8383,



# 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

139.0500, 44.8383, 38.5441

### Protanopia

127.7830, 62.7180, -49.7987

### Deuteranopia

130.6580, 45.5246, -41.7961



## Tritanopia

138.8830, -2.4073, 25.5356

# Trichromacy



## Original Color

139.0500, 44.8383, 38.5441



## Protanomaly

131.9720, 56.2158, -17.5154



## Deuteranomaly

133.5460, 45.5798, -12.7568



## Tritanomaly

139.0850, 14.7481, 29.7435

# Monochromacy



## Original Color

139.0500, 44.8383, 38.5441



## Achromatopsia

139.0000, 0.0000, 0.0000



## Achromatomaly

138.7410, 16.3967, 14.2591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.0500, 44.8383, 38.5441 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(183, 99, 230)` looks like.

```
.text, #text, p{  
    color:rgb(183, 99, 230)  
}
```

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(183, 99, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 99, 230) }
```

## Border

The CSS property to change the border of an element to YUV 139.0500, 44.8383, 38.5441 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(183, 99, 230) }
```



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

```
.border{ border-color:rgb(183, 99, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 99, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 99, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 99, 230);  
box-shadow:4px 4px 4px 4px rgb(183, 99,  
230) }
```

# Background

The CSS property to change the background color of an element to YUV 139.0500, 44.8383, 38.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 99, 230) }
```

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

```
.background{ background-color: rgb(183, 99,  
230) }
```

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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