

# Converting Colors

YUV(143.4630, 8.1527, 45.1979)

Have a look what the booklet for  
YUV(143.4630, 8.1527, 45.1979)  
contains.

<b>YUV(143.4630, 8.1527, 45.1979)</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(143.4630, 8.1527,  
45.1979)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C372A0
RGB	195, 114, 160
RGB Percent	76%, 45%, 63%
CMY	0.2353, 0.5529, 0.3725
CMYK	0.00, 0.42, 0.18, 0.24
HSL	326°, 40%, 61%
HSV	326°, 42%, 76%
XYZ	34.8682, 26.1748, 36.4722
YIQ	143.4630, 33.5100, 31.4780

# Conversions

## Conversions Part 2

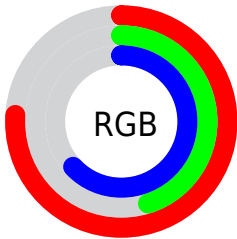
Format	Color
R <sub>Y</sub> B	195, 114, 160
Decimal	12808864
CIE Lab	58.20, 38.09, -10.96
CIE LCh	58, 39.639, 343.945
Yxy	26.1748, 0.3576, 0.2684
Android (android.graphics.Color)	4290998944 (0xFFC372A0)
YUV	143.4630, 8.1527, 45.1979
Hunter-Lab	51.1613, 32.1215, -6.4541

# Details

The YUV color **143.4630, 8.1527, 45.1979** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **165.5370, -8.1527, -45.1979**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.1860, 8.2893, 48.0719**, and **91.2670, 8.7424, 42.7388** is the 20% darker color. If you saturate the color by 10%, you get **131.3980, 10.1568, 55.7790**, and if you desaturate by 10%, it is **156.1150, 5.8593, 34.1021**.

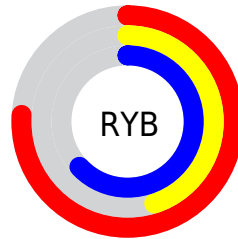
# Distribution



Red (76%)

Green (45%)

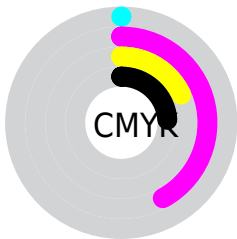
Blue (63%)



Red (76%)

Yellow (45%)

Blue (63%)

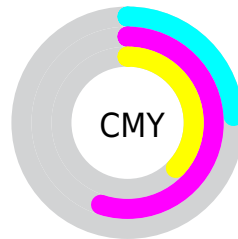


Cyan (0%)

Magenta (42%)

Yellow (18%)

Black (24%)



Cyan (24%)

Magenta (55%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.4630, 8.1527, 45.1979 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 143.4630, 8.1527, 45.1979 by changing the saturation by 10% instead.




 143.4630, 8.1527,  
45.1979


 143.4630, 8.1527,  
45.1979


255.0000, 0.0000,  
0.0000


 116.8650, 8.4476,  
43.9684


 198.1860, 8.2893,  
48.0719

 91.2670, 8.7424,  
42.7388

 218.4120, 12.1219,  
32.0877


 65.6690, 9.0372,  
41.5093

 236.8030, 8.9711,  
15.9588

 38.8370, 10.9264,  
42.2390

 253.2390, 0.8682,  
1.5444

 22.6850, 8.0433,  
33.6023

 14.0120, 1.9661,  
22.7915

 0.0000, 0.0000,

0.0000

■ 143.4630, 8.1527,  
45.1979

■ 143.4630, 8.1527,  
45.1979

■ 131.3980, 10.1568,  
55.7790

■ 156.1150, 5.8593,  
34.1021

■ 118.6320, 12.0134,  
66.9747

■ 168.2940, 4.2921,  
23.4212

■ 106.5670, 14.0175,  
77.5557

■ 180.9460, 1.9986,  
12.3254

■ 93.8010, 15.8741,  
88.7515

■ 193.1250, 0.4314,  
1.6444

■ 81.7360, 17.8782,  
99.3325

■ 205.7770, -1.8621,  
-9.4514

■ 70.9590, 19.7402,  
108.7840

■ 217.9560, -3.4293,  
-20.1324

■ 230.6080, -5.7227,  
-31.2282

■ 233.8680, -3.3859,  
-34.0872

■ 234.8940, 0.5453,  
-34.9870

# Harmonies

## Analogous

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



144.0710, 22.6430, 17.4777



143.4630, 8.1527, 45.1979



141.5880, -8.1779, 56.4893

# Triad

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



143.4630, 8.1527, 45.1979



135.3900, -31.7443, 8.4280



112.3030, 36.8256, -98.4897

# Complementary

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



143.4630, 8.1527, 45.1979



165.5370, -8.1527, -45.1979

# 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.



110.4160, 21.9799, -96.8348



143.4630, 8.1527, 45.1979



131.2490, -21.3218, -21.2664

# Square

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



143.4630, 8.1527, 45.1979



138.1420, -32.1150, 34.0785



122.5830, -1.2734, -58.3933



119.9170, 42.4389, -78.8572



# Rectangle

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



143.4630, 8.1527, 45.1979



140.5310, -18.5028, 54.7853



122.5830, -1.2734, -58.3933



112.4510, 32.3157, -98.6195

# Sweetspot

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



143.4630, 8.1527, 45.1979



232.9080, 3.0034, 16.7437



133.4000, 30.3688, 12.8042



116.5220, 1.7147, 10.0662



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.



143.4630, 8.1527, 45.1979



171.8820, 12.8762, 70.2635



139.0170, -8.8824, 49.0971



90.6740, 1.1467, 5.5479



58.5130, 16.0161, 89.8811



12.0330, 3.4347, 18.3881



# Inverse Universe

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



143.4630, 8.1527, 45.1979



171.8820, 12.8762, 70.2635



169.9830, 8.8824, -49.0971



90.6740, 1.1467, 5.5479



58.5130, 16.0161, 89.8811



12.0330, 3.4347, 18.3881



# Previews

## White Background



This preview shows how the YUV color 143.4630, 8.1527, 45.1979 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

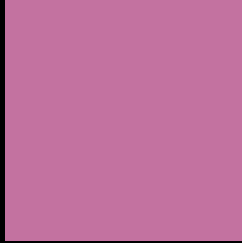
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 143.4630, 8.1527, 45.1979 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 143.4630, 8.1527, 45.1979

## Background



This preview shows how black text looks on a background with the YUV color 143.4630, 8.1527, 45.1979.



This preview shows how white text looks on a background with the YUV color 143.4630, 8.1527,



# 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

143.4630, 8.1527, 45.1979

### Protanopia

140.9400, 17.7776, -8.7174

### Deuteranopia

142.1560, 6.8251, 4.2482



## Tritanopia

142.5540, -6.6821, 43.3641

# Trichromacy



## Original Color

143.4630, 8.1527, 45.1979

## Protanomaly

141.8500, 14.3710, 10.6556

## Deuteranomaly

142.6570, 7.0711, 18.7178

## Tritanomaly

142.9330, -1.4460, 43.9088

# Monochromacy



## Original Color

143.4630, 8.1527, 45.1979

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

142.9080, 3.0034, 16.7437

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.4630, 8.1527, 45.1979 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(195, 114, 160)` looks like.

```
.text, #text, p{  
    color:rgb(195, 114, 160)  
}
```

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(195, 114, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 114, 160) }
```

## Border

The CSS property to change the border of an element to YUV 143.4630, 8.1527, 45.1979 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(195, 114, 160) }
```



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

```
.border{ border-color:rgb(195, 114, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 114, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 114, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 114, 160);  
box-shadow:4px 4px 4px 4px rgb(195, 114,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 143.4630, 8.1527, 45.1979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 114, 160) }
```

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

```
.background{ background-color: rgb(195,  
114, 160) }
```

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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