

# Converting Colors

YUV(143.1320, 6.8369, 47.2422)

Have a look what the booklet for  
YUV(143.1320, 6.8369, 47.2422)  
contains.

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# Color

**YUV(143.1320, 6.8369,  
47.2422)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C5719D
RGB	197, 113, 157
RGB Percent	77%, 44%, 62%
CMY	0.2275, 0.5569, 0.3843
CMYK	0.00, 0.43, 0.20, 0.23
HSL	329°, 42%, 61%
HSV	329°, 43%, 77%
XYZ	35.0169, 26.1149, 35.0934
YIQ	143.1320, 35.9400, 31.4920

# Conversions

## Conversions Part 2

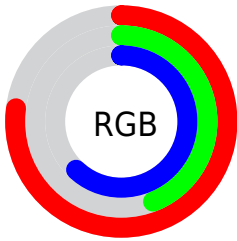
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 113, 157
Decimal	12939677
CIE Lab	58.15, 38.85, -9.29
CIE LCh	58, 39.940, 346.553
Yxy	26.1149, 0.3639, 0.2714
Android (android.graphics.Color)	4291129757 (0xFFC5719D)
YUV	143.1320, 6.8369, 47.2422
Hunter-Lab	51.1027, 32.8829, -4.9438

# Details

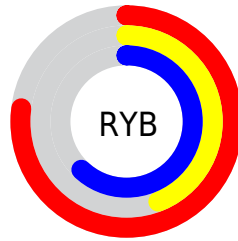
The YUV color  $143.1320, 6.8369, 47.2422$  is a light color, and the websafe version is hex  $CC6699$ . A complement of this color would be  $166.8680, -6.8369, -47.2422$ , and the grayscale version is  $143.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $197.8550, 6.9735, 50.1162$ , and  $90.6370, 7.5740, 44.1684$  is the 20% darker color. If you saturate the color by 10%, you get  $130.3660, 8.6936, 58.4380$ , and if you desaturate by 10%, it is  $155.8980, 4.9803, 36.0465$ .

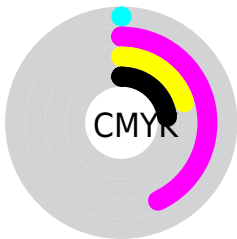
# Distribution



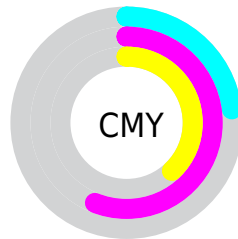
- Red (77%)
- Green (44%)
- Blue (62%)



- Red (77%)
- Yellow (44%)
- Blue (62%)



- Cyan (0%)
- Magenta (43%)
- Yellow (20%)
- Black (23%)




- Cyan (23%)
- Magenta (56%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 143.1320, 6.8369, 47.2422 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 143.1320, 6.8369, 47.2422 by changing the saturation by 10% instead.




 143.1320, 6.8369,  
47.2422


 143.1320, 6.8369,  
47.2422


255.0000, 0.0000,  
0.0000

 116.5340, 7.1317,  
46.0127


 197.8550, 6.9735,  
50.1162

 90.6370, 7.5740,  
44.1684

 217.4830, 11.1009,  
32.9024


 65.1530, 8.3056,  
42.8388

 236.2160, 9.2605,  
16.4736

 37.1470, 10.7735,  
44.5981

 253.2390, 0.8682,  
1.5444

 23.0550, 6.8749,  
35.0318

 13.9690, 0.5083,  
23.7062

 0.0000, 0.0000,

0.0000

■ 143.1320, 6.8369,  
47.2422

■ 143.1320, 6.8369,  
47.2422

■ 130.3660, 8.6936,  
58.4380

■ 155.8980, 4.9803,  
36.0465

■ 118.0730, 9.8240,  
69.2190

■ 168.1910, 3.8498,  
25.2655

■ 105.3070, 11.6806,  
80.4148

■ 180.9570, 1.9932,  
14.0697

■ 92.4270, 13.1005,  
91.7105

■ 193.8370, 0.5734,  
2.7740

■ 79.6610, 14.9571,  
102.9063

■ 206.6030, -1.2833,  
-8.4218

■ 70.6450, 15.9510,  
110.8133

■ 218.7820, -2.8505,  
-19.1028

■ 231.6620, -4.2704,  
-30.3986

■ 235.0360, -1.4967,  
-33.3576

■ 236.0620, 2.4344,  
-34.2574

# Harmonies

## Analogous

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



143.5660, 21.9060, 20.5516



143.1320, 6.8369, 47.2422



141.5450, -9.6357, 57.4040

# Triad

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



143.1320, 6.8369, 47.2422



135.0800, -31.5914, 6.0688



112.6450, 38.1360, -98.7897

# Complementary

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



143.1320, 6.8369, 47.2422



166.8680, -6.8369, -47.2422

# 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.



110.8720, 23.7271, -97.2347



143.1320, 6.8369, 47.2422



130.2810, -19.8585, -23.9254

# Square

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



143.1320, 6.8369, 47.2422



137.9030, -32.9832, 32.5341



120.7180, 0.6320, -62.8967



122.1350, 41.8384, -72.9094



# Rectangle

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



143.1320, 6.8369, 47.2422



139.8900, -19.6658, 54.4705



120.7180, 0.6320, -62.8967



112.0920, 33.4786, -98.3047

# Sweetspot

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



143.1320, 6.8369, 47.2422



233.8050, 2.5611, 18.5880



134.2370, 30.9422, 15.5782



114.5330, 1.7092, 11.8106



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.



143.1320, 6.8369, 47.2422



171.6220, 10.5394, 73.1225



138.4580, -11.0718, 51.3413



93.2610, 0.8573, 5.0331



58.4270, 13.1005, 91.7105



12.9300, 2.9925, 20.2324



# Inverse Universe

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



143.1320, 6.8369, 47.2422



171.6220, 10.5394, 73.1225



171.5420, 11.0718, -51.3413



93.2610, 0.8573, 5.0331



58.4270, 13.1005, 91.7105



12.9300, 2.9925, 20.2324



# Previews

## White Background



This preview shows how the YUV color 143.1320, 6.8369, 47.2422 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

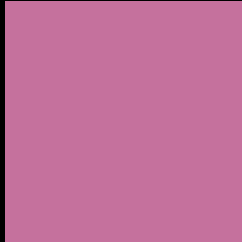
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 143.1320, 6.8369, 47.2422 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

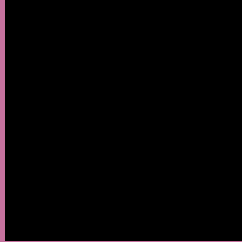
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 143.1320, 6.8369, 47.2422

## Background



This preview shows how black text looks on a background with the YUV color 143.1320, 6.8369, 47.2422.



This preview shows how white text looks on a background with the YUV color 143.1320, 6.8369,



# 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

143.1320, 6.8369, 47.2422

### Protanopia

140.8970, 16.3198, -7.8027

### Deuteranopia

141.5260, 5.6567, 5.6777



## Tritanopia

142.3370, -7.5611, 45.3085

# Trichromacy



## Original Color

143.1320, 6.8369, 47.2422

## Protanomaly

142.1060, 12.7657, 12.1850

## Deuteranomaly

142.3260, 5.7553, 20.7621

## Tritanomaly

142.7160, -2.3250, 45.8531

# Monochromacy



## Original Color

143.1320, 6.8369, 47.2422

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

143.0930, 2.4192, 17.4584

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.1320, 6.8369, 47.2422 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(197, 113, 157)` looks like.

```
.text, #text, p{  
    color:rgb(197, 113, 157)  
}
```

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(197, 113, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 113, 157) }
```

## Border

The CSS property to change the border of an element to YUV 143.1320, 6.8369, 47.2422 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(197, 113, 157) }
```



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

```
.border{ border-color:rgb(197, 113, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 113, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 113, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 113, 157);  
box-shadow:4px 4px 4px 4px rgb(197, 113,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 143.1320, 6.8369, 47.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 113, 157) }
```

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

```
.background{ background-color: rgb(197,  
113, 157) }
```

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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