

Converting Colors

YUV(119.4550, 3.7197, 67.1300)

Have a look what the booklet for
YUV(119.4550, 3.7197, 67.1300)
contains.

YUV(119.4550, 3.7197, 67.1300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.4550, 3.7197,
67.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	C44F7F
RGB	196, 79, 127
RGB Percent	77%, 31%, 50%
CMY	0.2314, 0.6902, 0.5020
CMYK	0.00, 0.60, 0.35, 0.23
HSL	335°, 50%, 54%
HSV	335°, 60%, 77%
XYZ	29.3917, 18.8600, 22.1699
YIQ	119.4550, 54.3240, 39.7320

Conversions

Conversions Part 2

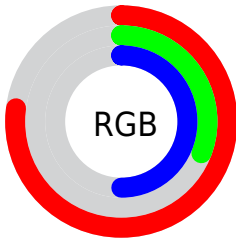
Format	Color
R_{YB}	196, 79, 127
Decimal	12865407
CIE _{Lab}	50.52, 51.38, -2.97
CIE _{LCh}	51, 51.464, 356.696
Yxy	18.8600, 0.4174, 0.2678
Android (android.graphics.Color)	4291055487 (0xFFC44F7F)
YUV	119.4550, 3.7197, 67.1300
Hunter-Lab	43.4281, 44.8076, 0.1324

Details

The YUV color **119.4550, 3.7197, 67.1300** is a dark color, and the websafe version is hex **CC6699**. The color can be described as dark muted rose. A complement of this color would be **155.5450, -3.7197, -67.1300**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.8360, 2.5459, 70.3038**, and **61.3070, 8.2296, 67.2598** is the 20% darker color. If you saturate the color by 10%, you get **106.3470, 4.2659, 78.6257**, and if you desaturate by 10%, it is **132.5630, 3.1734, 55.6342**.

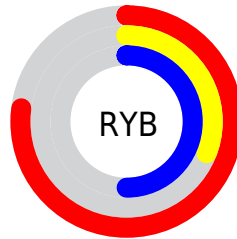
Distribution



Red (77%)

Green (31%)

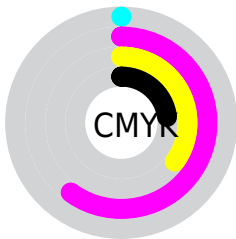
Blue (50%)



Red (77%)

Yellow (31%)

Blue (50%)

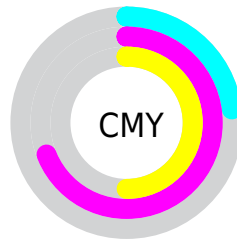


Cyan (0%)

Magenta (60%)

Yellow (35%)

Black (23%)



Cyan (23%)

Magenta (69%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4550, 3.7197, 67.1300 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 119.4550, 3.7197, 67.1300 by changing the saturation by 10% instead.

 119.4550, 3.7197,
67.1300


 119.4550, 3.7197,
67.1300

255.0000, 0.0000,
0.0000


 91.4980, 5.1775,
66.2153


 174.8360, 2.5459,
70.3038


 61.3070, 8.2296,
67.2598


 194.3500, 6.2365,
53.1901


 39.1600, 7.8091,
62.1267


 213.9780, 10.3638,
35.9763

 28.6930, 2.6164,
47.6272

 233.2810, 10.7075,
19.0476

 19.0090, -3.4554,
35.0721

 250.3040, 2.3151,
4.1184

 6.8770, -3.3904,
14.1399

 0.0000, 0.0000,

0.0000

■ 119.4550, 3.7197,
67.1300

■ 119.4550, 3.7197,
67.1300

■ 106.3470, 4.2659,
78.6257

■ 132.5630, 3.1734,
55.6342

■ 93.9400, 4.9596,
89.5066

■ 144.9700, 2.4798,
44.7533

■ 80.8320, 5.5058,
101.0023

■ 158.0780, 1.9335,
33.2576

■ 68.4250, 6.1995,
111.8833

■ 170.4850, 1.2399,
22.3767

■ 67.7240, 6.0521,
112.4981

■ 183.5930, 0.6937,
10.8809

■ 196.5870, -0.2894,
-0.5148

■ 209.1080, -0.5462,
-11.4957

■ 222.1020, -1.5293,
-22.8915

■ 234.6230, -1.7861,
-33.8724

Harmonies

Analogous

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



123.8010, 22.2831, 39.6395



119.4550, 3.7197, 67.1300



117.4990, -16.5150, 70.5994

Triad

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



119.4550, 3.7197, 67.1300



110.6950, -37.8106, -5.8715



102.4210, 44.6554, -89.8232

Complementary

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



119.4550, 3.7197, 67.1300



155.5450, -3.7197, -67.1300

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.



100.7790, 28.2100, -88.3832



119.4550, 3.7197, 67.1300



100.9570, -15.2618, -51.7053

Square

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



119.4550, 3.7197, 67.1300



114.6670, -45.1918, 28.3560



95.7630, 8.9908, -83.9842



98.2610, 54.1013, -86.1749

Rectangle

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



119.4550, 3.7197, 67.1300



117.4150, -29.2916, 61.9030



95.7630, 8.9908, -83.9842



102.4550, 39.7087, -89.8530

Sweetspot

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



119.4550, 3.7197, 67.1300



224.9200, 1.5184, 26.3802



112.6700, 41.0817, 30.1074



109.0390, 0.9668, 16.6288



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.



119.4550, 3.7197, 67.1300



134.6800, 6.0738, 105.5206



119.8530, -20.1405, 66.7809



90.4460, 0.2731, 5.7479



55.6630, 5.0961, 92.3805



11.4630, 1.2507, 18.8879

Inverse Universe

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



119.4550, 3.7197, 67.1300



134.6800, 6.0738, 105.5206



155.1470, 20.1405, -66.7809



90.4460, 0.2731, 5.7479



55.6630, 5.0961, 92.3805



11.4630, 1.2507, 18.8879

Previews

White Background



This preview shows how the YUV color 119.4550, 3.7197, 67.1300 looks on a white background.

Color Contrast Check

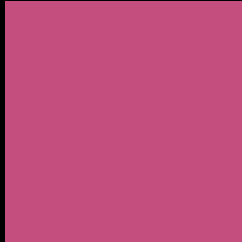
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4550, 3.7197, 67.1300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

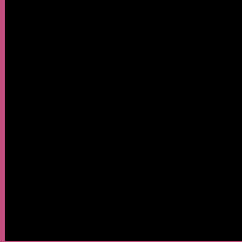
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.4550, 3.7197, 67.1300

Background



This preview shows how black text looks on a background with the YUV color 119.4550, 3.7197, 67.1300.



This preview shows how white text looks on a background with the YUV color 119.4550, 3.7197,

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

119.4550, 3.7197, 67.1300

Protanopia

121.6690, 15.4462, -7.6027

Deuteranopia

121.9410, -0.4639, 8.8217



Tritanopia

118.6770, -13.1518, 65.1813

Trichromacy



Original Color

119.4550, 3.7197, 67.1300

Protanomaly

120.8080, 11.4337, 19.4624

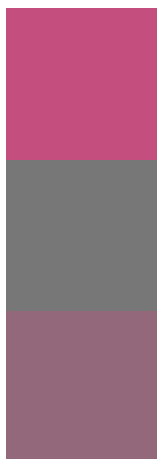
Deuteranomaly

120.8280, 1.0708, 29.9688

Tritanomaly

118.6970, -6.7526, 66.0407

Monochromacy



Original Color

119.4550, 3.7197, 67.1300

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9090, 1.5239, 24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4550, 3.7197, 67.1300 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(196, 79, 127)` looks like.

```
.text, #text, p{  
    color:rgb(196, 79, 127)  
}
```

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(196, 79, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 79, 127) }
```

Border

The CSS property to change the border of an element to YUV 119.4550, 3.7197, 67.1300 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(196, 79, 127) }
```


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

```
.border{ border-color:rgb(196, 79, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 79, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 79, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 79, 127);  
box-shadow:4px 4px 4px 4px rgb(196, 79,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 119.4550, 3.7197, 67.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 79, 127) }
```

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

```
.background{ background-color: rgb(196, 79,  
127) }
```

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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