

Converting Colors

YUV(119.4190, 15.0764,
64.5305)

Have a look what the booklet for
YUV(119.4190, 15.0764, 64.5305)
contains.

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Color

**YUV(119.4190, 15.0764,
64.5305)**

Conversions

Conversions Part 1

Format	Color
Hex	C14C96
RGB	193, 76, 150
RGB Percent	76%, 30%, 59%
CMY	0.2431, 0.7020, 0.4118
CMYK	0.00, 0.61, 0.22, 0.24
HSL	322°, 49%, 53%
HSV	322°, 61%, 76%
XYZ	30.0818, 18.7083, 30.8797
YIQ	119.4190, 45.9780, 47.8180

Conversions

Conversions Part 2

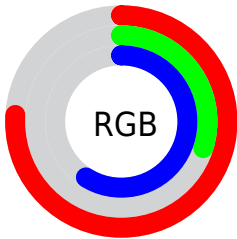
Format	Color
RYB	193, 76, 150
Decimal	12668054
CIELab	50.34, 54.78, -17.02
CIELCh	50, 57.357, 342.743
Yxy	18.7083, 0.3776, 0.2348
Android (android.graphics.Color)	4290858134 (0xFFC14C96)
YUV	119.4190, 15.0764, 64.5305
Hunter-Lab	43.2531, 48.4505, -12.0517

Details

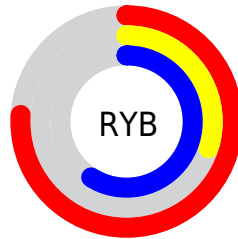
The YUV color **119.4190, 15.0764, 64.5305** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **149.5810, -15.0764, -64.5305**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5010, 14.0500, 67.0896**, and **58.4070, 20.0123, 68.0491** is the 20% darker color. If you saturate the color by 10%, you get **107.4680, 17.5173, 75.0116**, and if you desaturate by 10%, it is **131.3700, 12.6356, 54.0495**.

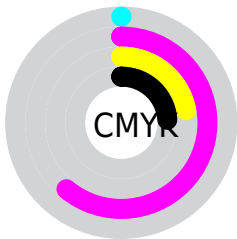
Distribution



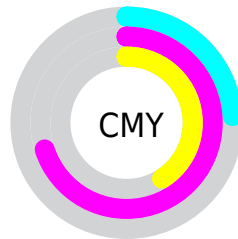
- Red (76%)
- Green (30%)
- Blue (59%)



- Red (76%)
- Yellow (30%)
- Blue (59%)



- Cyan (0%)
- Magenta (61%)
- Yellow (22%)
- Black (24%)





- Cyan (24%)
- Magenta (70%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.4190, 15.0764, 64.5305 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 119.4190, 15.0764, 64.5305 by changing the saturation by 10% instead.


 119.4190, 15.0764,
64.5305


 119.4190, 15.0764,
64.5305


255.0000, 0.0000,
0.0000


 91.3480, 16.0974,
63.7158


 175.5010, 14.0500,
67.0896


 58.4070, 20.0123,
68.0491

 195.4390, 18.0246,
52.2350


 40.8420, 16.8399,
58.8976


 215.0840, 19.6786,
35.0063

 30.1470, 10.7735,
44.5981

 231.5200, 11.5756,
20.5920

 20.5770, 5.1385,
31.9430

 249.1300, 2.8939,
5.1480

 7.8880, -3.3958,
15.8842

 0.0000, 0.0000,

0.0000

■ 119.4190, 15.0764,
64.5305

■ 119.4190, 15.0764,
64.5305

■ 107.4680, 17.5173,
75.0116

■ 131.3700, 12.6356,
54.0495

■ 94.9300, 20.2475,
86.0074

■ 143.9080, 9.9054,
43.0537

■ 82.9790, 22.6884,
96.4884

■ 155.8590, 7.4645,
32.5727

■ 71.6150, 24.8398,
106.4546

■ 167.8100, 5.0237,
22.0916

■ 179.7610, 2.5828,
11.6106

■ 192.4130, 0.2894,
0.5148

■ 204.3640, -2.1515,
-9.9662

■ 216.3150, -4.5923,
-20.4473

■ 228.8530, -7.3225,
-31.4431

Harmonies

Analogous

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



123.0790, 33.9781, 21.8557



119.4190, 15.0764, 64.5305



115.0840, -6.9434, 80.6103

Triad

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



119.4190, 15.0764, 64.5305



109.8640, -54.1630, 12.3973



103.8570, 40.0035, -91.0826

Complementary

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



119.4190, 15.0764, 64.5305



149.5810, -15.0764, -64.5305

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.



99.9010, 19.7688, -87.6132



119.4190, 15.0764, 64.5305



104.2510, -31.1827, -31.7921

Square

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



119.4190, 15.0764, 64.5305



113.9250, -49.7560, 45.6698



92.9130, -1.9291, -81.4847



102.3530, 54.5490, -89.7636

Rectangle

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



119.4190, 15.0764, 64.5305



114.7510, -22.0622, 76.5174



92.9130, -1.9291, -81.4847



102.8480, 33.5989, -90.1977

Sweetspot

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



119.4190, 15.0764, 64.5305



221.6470, 5.5970, 24.8656



102.1950, 44.7669, 14.7380



107.4240, 3.7350, 15.4142



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



119.4190, 15.0764, 64.5305



134.9410, 23.6931, 100.9067



112.8070, -10.2579, 70.3293



90.6740, 1.1467, 5.5479



59.7670, 20.8209, 88.7813



12.2610, 4.3083, 18.1881

Inverse Universe

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



119.4190, 15.0764, 64.5305



134.9410, 23.6931, 100.9067



156.1930, 10.2579, -70.3293



90.6740, 1.1467, 5.5479



59.7670, 20.8209, 88.7813



12.2610, 4.3083, 18.1881

Previews

White Background



This preview shows how the YUV color 119.4190, 15.0764, 64.5305 looks on a white background.

Color Contrast Check

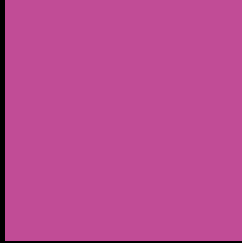
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4190, 15.0764, 64.5305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

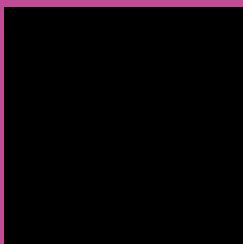
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.4190, 15.0764, 64.5305

Background



This preview shows how black text looks on a background with the YUV color 119.4190, 15.0764, 64.5305.



This preview shows how white text looks on a background with the YUV color 119.4190, 15.0764,

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

119.4190, 15.0764, 64.5305

Protanopia

119.3160, 30.9032, -18.6941

Deuteranopia

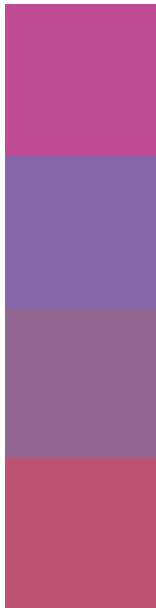
121.8610, 10.9145, -0.7551



Tritanopia

119.2850, -11.9725, 60.2631

Trichromacy



Original Color

119.4190, 15.0764, 64.5305

Protanomaly

119.6080, 24.8433, 11.7448

Deuteranomaly

121.0580, 12.2964, 22.7511

Tritanomaly

119.2280, -2.0844, 62.0670

Monochromacy



Original Color

119.4190, 15.0764, 64.5305

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.9350, 5.4550, 23.7360

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4190, 15.0764, 64.5305 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(193, 76, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 76, 150)  
}
```

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(193, 76, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 76, 150) }
```

Border

The CSS property to change the border of an element to YUV 119.4190, 15.0764, 64.5305 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(193, 76, 150) }
```


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

```
.border{ border-color:rgb(193, 76, 150) }
```

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

Here you see how a box with a 4 pixel rgb(193, 76, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 76, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 76, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 76,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 119.4190, 15.0764, 64.5305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 76, 150) }
```

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

```
.background{ background-color: rgb(193, 76,  
150) }
```

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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