

Converting Colors

YUV(79.6170, 1.6678, 118.7309)

Have a look what the booklet for
YUV(79.6170, 1.6678, 118.7309)
contains.

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Color

**YUV(79.6170, 1.6678,
118.7309)**

Conversions

Conversions Part 1

Format	Color
Hex	D70A53
RGB	215, 10, 83
RGB Percent	84%, 4%, 33%
CMY	0.1569, 0.9608, 0.6745
CMYK	0.00, 0.95, 0.61, 0.16
HSL	339°, 91%, 44%
HSV	339°, 95%, 84%
XYZ	29.6942, 15.2887, 9.5696
YIQ	79.6170, 98.7470, 66.1630

Conversions

Conversions Part 2

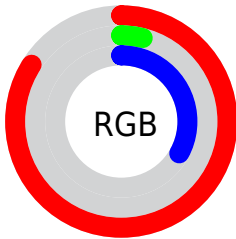
Format	Color
R_{YB}	215, 10, 83
Decimal	14092883
CIE Lab	46.03, 71.91, 18.02
CIE LCh	46, 74.137, 14.069
Yxy	15.2887, 0.5443, 0.2803
Android (android.graphics.Color)	4292282963 (0xFFD70A53)
YUV	79.6170, 1.6678, 118.7309
Hunter-Lab	39.1008, 67.1316, 12.8598

Details

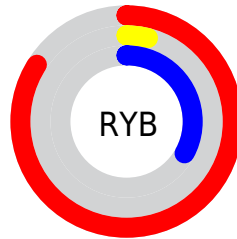
The YUV color **79.6170, 1.6678, 118.7309** is a dark color, and the websafe version is hex **FF3366**, and the color name is **debian red**. The color can be described as dark washed red. A complement of this color would be **145.3830, -1.6678, -118.7309**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2970, -6.5554, 96.2095**, and **49.8940, -5.3707, 89.5470** is the 20% darker color. If you saturate the color by 10%, you get **73.0630, 1.9409, 124.4787**, and if you desaturate by 10%, it is **93.5400, 1.7058, 106.5204**.

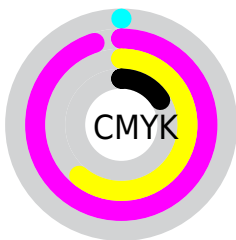
Distribution



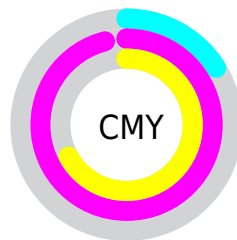
- Red (84%)
- Green (4%)
- Blue (33%)



- Red (84%)
- Yellow (4%)
- Blue (33%)



- Cyan (0%)
- Magenta (95%)
- Yellow (61%)
- Black (16%)




- Cyan (16%)
- Magenta (96%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.6170, 1.6678, 118.7309 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 79.6170, 1.6678, 118.7309 by changing the saturation by 10% instead.


 79.6170, 1.6678,
118.7309


 79.6170, 1.6678,
118.7309


255.0000, 0.0000,
0.0000

 61.8560, -0.9150,
107.1203


 145.2970, -6.5554,
96.2095

 49.8940, -5.3707,
89.5470


 165.8710, -3.8804,
78.1661

 38.3450, -9.5371,
72.4884


 185.9720, -0.4792,
60.5376

 27.4370, -12.5404,
55.7448

 206.6600, 2.6326,
42.3942

 18.5810, -7.6814,
37.2015

 227.5760, 6.6180,
24.0508

 7.2900, -3.1010,
14.6547

 246.7820, 4.0515,

 0.0000, 0.0000,

7.2072

0.0000

■ 79.6170, 1.6678,
118.7309

■ 79.6170, 1.6678,
118.7309

■ 73.0630, 1.9409,
124.4787

■ 93.5400, 1.7058,
106.5204

■ 108.0500, 1.4544,
93.7952

■ 121.9730, 1.4923,
81.5847

■ 136.3690, 0.8041,
68.9594

■ 150.2920, 0.8420,
56.7489

■ 164.8020, 0.5906,
44.0236

■ 179.3120, 0.3392,
31.2984

■ 193.2350, 0.3771,
19.0879

■ 207.7450, 0.1257,
6.3626

Harmonies

Analogous

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



93.6520, 25.3146, 94.1442



79.6170, 1.6678, 118.7309



96.7020, -37.8141, 88.8383

Triad

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



79.6170, 1.6678, 118.7309



76.6420, -37.7845, -61.0760



100.1820, 64.0003, -87.8596

Complementary

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



79.6170, 1.6678, 118.7309



145.3830, -1.6678, -118.7309

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.



100.8880, 46.3972, -88.4788



79.6170, 1.6678, 118.7309



86.2790, -7.0395, -75.6667

Square

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



79.6170, 1.6678, 118.7309



99.1990, -48.9051, 5.9645



94.9770, 21.2103, -83.2948



89.1430, 69.9355, -78.1784

Rectangle

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



79.6170, 1.6678, 118.7309



101.3340, -49.9577, 63.7281



94.9770, 21.2103, -83.2948



101.0310, 59.6377, -88.6042

Sweetspot

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



79.6170, 1.6678, 118.7309



206.0900, 0.4486, 42.8941



72.2400, 70.3807, 59.4255



98.2790, 0.3555, 26.0653



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.



79.6170, 1.6678, 118.7309



86.6190, 2.1598, 147.6701



87.1440, -38.0320, 112.1297



99.7450, 0.1257, 6.3626



58.0830, 1.4381, 99.0282



14.5670, 0.2135, 24.9357

Inverse Universe

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



79.6170, 1.6678, 118.7309



86.6190, 2.1598, 147.6701



137.8560, 38.0320, -112.1297



99.7450, 0.1257, 6.3626



58.0830, 1.4381, 99.0282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 79.6170, 1.6678, 118.7309 looks on a white 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

Black Background



This preview shows how the YUV color 79.6170, 1.6678, 118.7309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

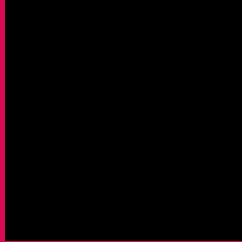
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.6170, 1.6678, 118.7309

Background



This preview shows how black text looks on a background with the YUV color 79.6170, 1.6678, 118.7309.



This preview shows how white text looks on a background with the YUV color 79.6170, 1.6678, 118.7309.

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

79.6170, 1.6678, 118.7309

Protanopia

110.9550, 4.9522, -1.7145

Deuteranopia

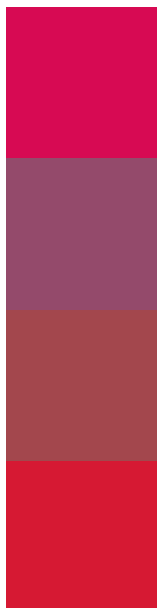
110.4250, -17.9575, 19.7983



Tritanopia

87.2930, -27.2594, 110.2450

Trichromacy



Original Color

79.6170, 1.6678, 118.7309

Protanomaly

99.8880, 3.5062, 42.1942

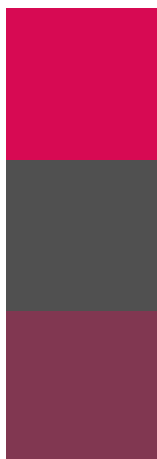
Deuteranomaly

99.1920, -10.9407, 55.9596

Tritanomaly

84.4750, -16.5032, 113.5934

Monochromacy



Original Color

79.6170, 1.6678, 118.7309

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0900, 0.4486, 42.8941

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.6170, 1.6678, 118.7309 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(215, 10, 83)` looks like.

```
.text, #text, p{  
    color:rgb(215, 10, 83)  
}
```

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(215, 10, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 10, 83) }
```

Border

The CSS property to change the border of an element to YUV 79.6170, 1.6678, 118.7309 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(215, 10, 83) }
```


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

```
.border{ border-color:rgb(215, 10, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 10, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 10, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 10, 83);  
box-shadow:4px 4px 4px 4px rgb(215, 10,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 79.6170, 1.6678, 118.7309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 10, 83) }
```

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

```
.background{ background-color: rgb(215, 10,  
83) }
```

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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