

Converting Colors

YUV(78.1070, 15.2302,
108.6542)

Have a look what the booklet for
YUV(78.1070, 15.2302, 108.6542)
contains.

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Color

**YUV(78.1070, 15.2302,
108.6542)**

Conversions

Conversions Part 1

Format	Color
Hex	CA096D
RGB	202, 9, 109
RGB Percent	79%, 4%, 43%
CMY	0.2078, 0.9647, 0.5725
CMYK	0.00, 0.96, 0.46, 0.21
HSL	329°, 91%, 41%
HSV	329°, 96%, 79%
XYZ	27.2151, 13.8561, 15.7081
YIQ	78.1070, 82.9280, 72.0160

Conversions

Conversions Part 2

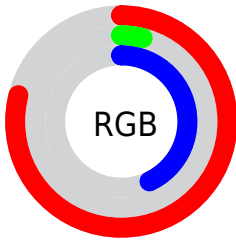
Format	Color
R_{YB}	202, 9, 109
Decimal	13240685
CIE Lab	44.03, 70.82, -1.40
CIE LCh	44, 70.837, 358.866
Yxy	13.8561, 0.4793, 0.2440
Android (android.graphics.Color)	4291430765 (0xFFCA096D)
YUV	78.1070, 15.2302, 108.6542
Hunter-Lab	37.2237, 65.3640, 1.0367

Details

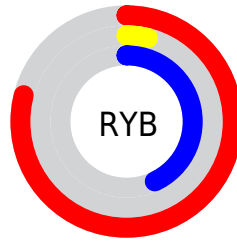
The YUV color **78.1070, 15.2302, 108.6542** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **132.8930, -15.2302, -108.6542**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3150, 6.2537, 94.4397**, and **49.2270, 6.2971, 80.4849** is the 20% darker color. If you saturate the color by 10%, you get **72.3680, 16.0876, 113.6873**, and if you desaturate by 10%, it is **90.9870, 13.8104, 97.3584**.

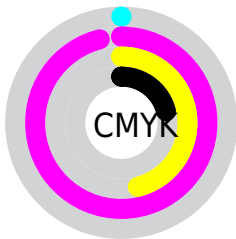
Distribution



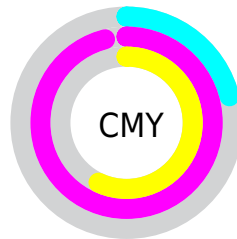
- Red (79%)
- Green (4%)
- Blue (43%)



- Red (79%)
- Yellow (4%)
- Blue (43%)



- Cyan (0%)
- Magenta (96%)
- Yellow (46%)
- Black (21%)





- Cyan (21%)
- Magenta (96%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.1070, 15.2302, 108.6542 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 78.1070, 15.2302, 108.6542 by changing the saturation by 10% instead.


 78.1070, 15.2302,
108.6542

 78.1070, 15.2302,
108.6542


255.0000, 0.0000,
0.0000


 61.1180, 11.7738,
97.2435


 147.3150, 6.2537,
94.4397


 49.2270, 6.2971,
80.4849


 168.0030, 9.3655,
76.2964


 38.0480, 0.9623,
64.8559


 188.2180, 13.2035,
58.5678

 27.0970, -3.4988,
49.0269

 208.4330, 17.0415,
40.8393

 16.3740, -7.0864,
32.9980

 227.4110, 13.6014,
24.1956

 1.4950, -0.7370,
3.0739

 245.0210, 4.9196,

 0.0000, 0.0000,

8.7516

0.0000

■ 78.1070, 15.2302,
108.6542

■ 78.1070, 15.2302,
108.6542

■ 72.3680, 16.0876,
113.6873

■ 90.9870, 13.8104,
97.3584

■ 103.7530, 11.9538,
86.1626

■ 117.2200, 10.2445,
74.3521

■ 130.1000, 8.8247,
63.0563

■ 142.9800, 7.4049,
51.7605

■ 155.7460, 5.5482,
40.5648

■ 168.6260, 4.1284,
29.2690

■ 182.0930, 2.4192,
17.4584

■ 194.9730, 0.9993,
6.1627

Harmonies

Analogous

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



100.8650, 32.1116, 60.6314



78.1070, 15.2302, 108.6542



87.3330, -17.9122, 98.8090

Triad

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



78.1070, 15.2302, 108.6542



89.6090, -44.1772, -17.1971



96.7450, 53.3697, -84.8454

Complementary

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



78.1070, 15.2302, 108.6542



132.8930, -15.2302, -108.6542

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.



93.9630, 32.5562, -82.4056



78.1070, 15.2302, 108.6542



77.4790, -20.4491, -67.9491

Square

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



78.1070, 15.2302, 108.6542



97.8580, -48.2440, 27.3115



86.5360, 6.6378, -75.8921



91.7530, 64.7048, -80.4674

Rectangle

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



78.1070, 15.2302, 108.6542



93.2680, -43.0231, 79.5720



86.5360, 6.6378, -75.8921



96.5510, 47.5494, -84.6752

Sweetspot

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



78.1070, 15.2302, 108.6542



207.4580, 5.6902, 41.6943



57.9120, 71.0354, 36.0342



99.0770, 3.4130, 25.3655



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.



78.1070, 15.2302, 108.6542



91.2930, 20.0686, 143.5710



67.3910, -25.8288, 118.0521



95.5600, 0.7099, 5.6479



59.4380, 13.0951, 93.4549



13.6420, 3.1345, 21.3620

Inverse Universe

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



78.1070, 15.2302, 108.6542



91.2930, 20.0686, 143.5710



143.6090, 25.8288, -118.0521



95.5600, 0.7099, 5.6479



59.4380, 13.0951, 93.4549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 78.1070, 15.2302, 108.6542 looks on a white background.

Color Contrast Check

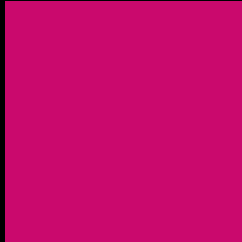
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.1070, 15.2302, 108.6542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

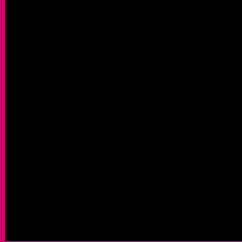
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1070, 15.2302, 108.6542

Background



This preview shows how black text looks on a background with the YUV color 78.1070, 15.2302, 108.6542.



This preview shows how white text looks on a background with the YUV color 78.1070, 15.2302,

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

78.1070, 15.2302, 108.6542

Protanopia

105.2580, 25.5088, -15.1353

Deuteranopia

106.6700, -2.7953, 9.9364



Tritanopia

90.3450, -22.8481, 95.2904

Trichromacy



Original Color

78.1070, 15.2302, 108.6542

Protanomaly

95.0340, 22.1682, 29.7882

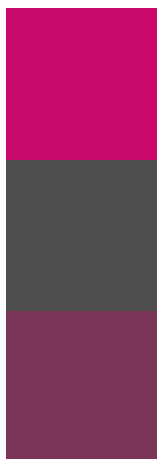
Deuteranomaly

96.3230, 3.7848, 46.1977

Tritanomaly

85.7490, -8.7503, 100.1981

Monochromacy



Original Color

78.1070, 15.2302, 108.6542

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0340, 5.4062, 39.4352

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1070, 15.2302, 108.6542 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(202, 9, 109)` looks like.

```
.text, #text, p{  
    color:rgb(202, 9, 109)  
}
```

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(202, 9, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 9, 109) }
```

Border

The CSS property to change the border of an element to YUV 78.1070, 15.2302, 108.6542 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(202, 9, 109) }
```


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

```
.border{ border-color:rgb(202, 9, 109) }
```

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

Here you see how a box with a 4 pixel rgb(202, 9, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 9, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 9, 109);  
box-shadow:4px 4px 4px 4px rgb(202, 9,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 78.1070, 15.2302, 108.6542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 9, 109) }
```

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

```
.background{ background-color: rgb(202, 9,  
109) }
```

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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