

Converting Colors

YUV(74.8370, 28.1814,
108.0140)

Have a look what the booklet for
YUV(74.8370, 28.1814, 108.0140)
contains.

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Color

**YUV(74.8370, 28.1814,
108.0140)**

Conversions

Conversions Part 1

Format	Color
Hex	C60184
RGB	198, 1, 132
RGB Percent	78%, 0%, 52%
CMY	0.2235, 0.9961, 0.4824
CMYK	0.00, 0.99, 0.33, 0.22
HSL	320°, 99%, 39%
HSV	320°, 99%, 78%
XYZ	27.4644, 13.6934, 23.0254
YIQ	74.8370, 75.3610, 82.5050

Conversions

Conversions Part 2

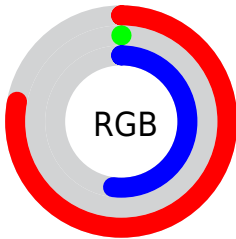
Format	Color
RYB	198, 1, 132
Decimal	12976516
CIELab	43.79, 72.84, -16.07
CIELCh	44, 74.593, 347.560
Yxy	13.6934, 0.4279, 0.2133
Android (android.graphics.Color)	4291166596 (0xFFC60184)
YUV	74.8370, 28.1814, 108.0140
Hunter-Lab	37.0046, 67.7226, -10.9887

Details

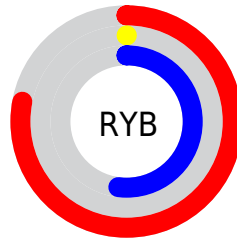
The YUV color **74.8370, 28.1814, 108.0140** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **124.1630, -28.1814, -108.0140**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.9910, 17.7524, 92.9699**, and **50.9090, 15.3279, 77.2558** is the 20% darker color. If you saturate the color by 10%, you get **74.2500, 28.4707, 108.5288**, and if you desaturate by 10%, it is **87.3750, 25.4511, 97.0181**.

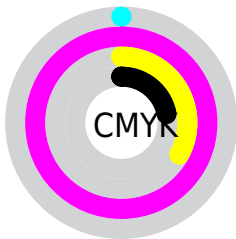
Distribution



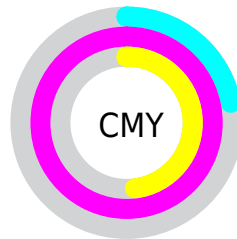
- Red (78%)
- Green (0%)
- Blue (52%)



- Red (78%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (99%)
- Yellow (33%)
- Black (22%)





- Cyan (22%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.8370, 28.1814, 108.0140 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 74.8370, 28.1814, 108.0140 by changing the saturation by 10% instead.


 74.8370, 28.1814,
108.0140


 74.8370, 28.1814,
108.0140


255.0000, 0.0000,
0.0000


 62.4300, 21.9730,
92.5849


 148.9910, 17.7524,
92.9699


 50.9090, 15.3279,
77.2558


 169.7930, 21.3011,
74.7265


 39.3170, 9.7037,
61.1120


 190.5950, 24.8497,
56.4832

 28.5510, 4.6584,
45.9978

 209.2140, 22.5725,
40.1543

 17.5570, -1.2606,
31.0835

 226.8240, 13.8908,
24.7104

 2.3920, -1.1793,
4.9182

 244.4340, 5.2090,

 0.0000, 0.0000,

9.2664

0.0000

■ 74.8370, 28.1814,
108.0140

■ 74.8370, 28.1814,
108.0140

■ 74.2500, 28.4707,
108.5288

■ 87.3750, 25.4511,
97.0181

■ 99.7990, 22.2841,
86.1223

■ 111.7500, 19.8433,
75.6412

■ 124.2880, 17.1130,
64.6454

■ 136.7120, 13.9460,
53.7496

■ 149.2500, 11.2157,
42.7537

■ 161.6740, 8.0487,
31.8579

■ 173.6250, 5.6079,
21.3769

■ 186.1630, 2.8776,
10.3810

Harmonies

Analogous

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



103.2520, 41.7808, 39.2440



74.8370, 28.1814, 108.0140



70.2860, 0.3520, 120.7752

Triad

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



74.8370, 28.1814, 108.0140



93.5510, -46.1206, -0.4832



96.7790, 48.4230, -84.8752

Complementary

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



74.8370, 28.1814, 108.0140



124.1630, -28.1814, -108.0140

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.



91.5690, 23.3835, -80.3060



74.8370, 28.1814, 108.0140



72.2010, -35.5951, -63.3203

Square

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



74.8370, 28.1814, 108.0140



97.6690, -48.1508, 44.1403



83.0990, -3.9928, -72.8778



95.6170, 64.2788, -83.8561

Rectangle

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



74.8370, 28.1814, 108.0140



86.9770, -28.0897, 96.4902



83.0990, -3.9928, -72.8778



95.4280, 40.7080, -83.6904

Sweetspot

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



74.8370, 28.1814, 108.0140



207.4240, 10.6370, 41.7242



43.1920, 76.3203, 20.8796



99.1740, 6.3232, 25.2804



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.



74.8370, 28.1814, 108.0140



95.6250, 36.6669, 139.7719



63.6650, -14.6248, 117.8118



93.3750, 1.2941, 4.9331



61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Inverse Universe

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



74.8370, 28.1814, 108.0140



95.6250, 36.6669, 139.7719



135.3350, 14.6248, -117.8118



93.3750, 1.2941, 4.9331



61.1630, 23.5836, 89.3110



13.5000, 5.1765, 19.7325

Previews

White Background



This preview shows how the YUV color 74.8370, 28.1814, 108.0140 looks on a white background.

Color Contrast Check

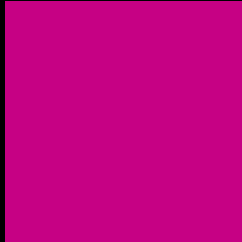
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.8370, 28.1814, 108.0140 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 74.8370, 28.1814, 108.0140

Background



This preview shows how black text looks on a background with the YUV color 74.8370, 28.1814, 108.0140.



This preview shows how white text looks on a background with the YUV color 74.8370, 28.1814,

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

74.8370, 28.1814, 108.0140

Protanopia

101.4420, 43.1661, -31.9596

Deuteranopia

106.7750, 7.9989, 1.0743



Tritanopia

94.3870, -19.9108, 86.4836

Trichromacy



Original Color

74.8370, 28.1814, 108.0140



Protanomaly

91.6810, 37.6253, 18.6968



Deuteranomaly

95.2650, 15.1524, 40.1096



Tritanomaly

87.0240, -2.4768, 94.6950

Monochromacy



Original Color

74.8370, 28.1814, 108.0140



Achromatopsia

75.0000, 0.0000, 0.0000



Achromatomaly

75.0000, 10.3530, 39.4650

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8370, 28.1814, 108.0140 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(198, 1, 132)` looks like.

```
.text, #text, p{  
    color:rgb(198, 1, 132)  
}
```

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(198, 1, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 1, 132) }
```

Border

The CSS property to change the border of an element to YUV 74.8370, 28.1814, 108.0140 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(198, 1, 132) }
```


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

```
.border{ border-color:rgb(198, 1, 132) }
```

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

Here you see how a box with a 4 pixel rgb(198, 1, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 1, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 1, 132);  
box-shadow:4px 4px 4px 4px rgb(198, 1,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 74.8370, 28.1814, 108.0140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 1, 132) }
```

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

```
.background{ background-color: rgb(198, 1,  
132) }
```

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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