

Converting Colors

YUV(74.6630, 28.7601,
109.0435)

Have a look what the booklet for
YUV(74.6630, 28.7601, 109.0435)
contains.

YUV(74.6630, 28.7601, 109.0435)	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(74.6630, 28.7601,
109.0435)**

Conversions

Conversions Part 1

Format	Color
Hex	C70085
RGB	199, 0, 133
RGB Percent	78%, 0%, 52%
CMY	0.2196, 1.0000, 0.4784
CMYK	0.00, 1.00, 0.33, 0.22
HSL	320°, 100%, 39%
HSV	320°, 100%, 78%
XYZ	27.7868, 13.8356, 23.3963
YIQ	74.6630, 75.9110, 83.5510

Conversions

Conversions Part 2

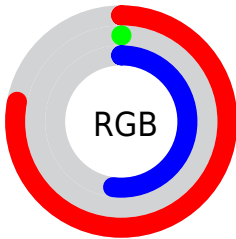
Format	Color
RYB	199, 0, 133
Decimal	13041797
CIELab	44.00, 73.24, -16.35
CIElCh	44, 75.045, 347.416
Yxy	13.8356, 0.4274, 0.2128
Android (android.graphics.Color)	4291231877 (0xFFC70085)
YUV	74.6630, 28.7601, 109.0435
Hunter-Lab	37.1962, 68.2522, -11.2559

Details

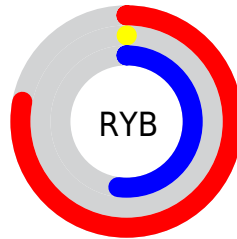
The YUV color **74.6630, 28.7601, 109.0435** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **124.3370, -28.7601, -109.0435**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1050, 18.1892, 92.8699**, and **51.0230, 15.7647, 77.1558** is the 20% darker color. If you saturate the color by 10%, you get **74.6630, 28.7601, 109.0435**, and if you desaturate by 10%, it is **87.2010, 26.0299, 98.0477**.

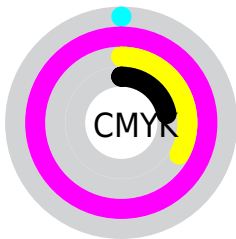
Distribution



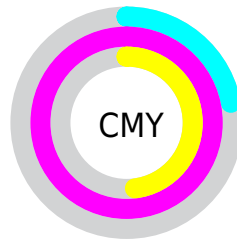
- Red (78%)
- Green (0%)
- Blue (52%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6630, 28.7601, 109.0435 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 74.6630, 28.7601, 109.0435 by changing the saturation by 10% instead.

■ 74.6630, 28.7601,
109.0435

■ 74.6630, 28.7601,
109.0435

■ 255.0000, 0.0000,
0.0000

■ 62.8430, 22.2624,
93.0997

■ 149.1050, 18.1892,
92.8699

■ 51.0230, 15.7647,
77.1558

■ 169.9070, 21.7378,
74.6266

■ 39.7300, 9.9931,
61.6268

■ 190.7090, 25.2865,
56.3832

■ 28.8500, 4.5109,
46.6125

■ 209.2140, 22.5725,
40.1543

■ 17.9700, -0.9712,
31.5983

■ 226.8240, 13.8908,
24.7104

■ 3.2890, -1.6215,
6.7625

■ 244.4340, 5.2090,

■ 0.0000, 0.0000,

9.2664

0.0000

■ 74.6630, 28.7601,
109.0435

■ 87.2010, 26.0299,
98.0477

■ 99.6250, 22.8629,
87.1519

■ 112.1630, 20.1326,
76.1560

■ 124.5870, 16.9656,
65.2602

■ 137.1250, 14.2354,
54.2644

■ 149.0760, 11.7945,
43.7833

■ 161.5000, 8.6275,
32.8875

■ 174.0380, 5.8973,
21.8917

■ 186.4620, 2.7302,
10.9958

Harmonies

Analogous

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



104.3660, 42.2176, 39.1440



74.6630, 28.7601, 109.0435



70.5850, 0.2046, 121.3900

Triad

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



74.6630, 28.7601, 109.0435



93.5510, -46.1206, -0.4832



97.4800, 48.5704, -85.4900

Complementary

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



74.6630, 28.7601, 109.0435



124.3370, -28.7601, -109.0435

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.



92.2700, 23.5309, -80.9208



74.6630, 28.7601, 109.0435



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.



74.6630, 28.7601, 109.0435



98.5550, -48.5876, 44.2403



83.6860, -4.2822, -73.3926



95.7310, 64.7156, -83.9561

Rectangle

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



74.6630, 28.7601, 109.0435



87.5750, -28.3845, 97.7197



83.6860, -4.2822, -73.3926



96.1290, 40.8554, -84.3051

Sweetspot

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



74.6630, 28.7601, 109.0435



207.5380, 11.0738, 41.6242



41.5230, 77.6362, 18.8353



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.



74.6630, 28.7601, 109.0435



95.6250, 36.6669, 139.7719



63.6050, -13.6093, 118.7414



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.



74.6630, 28.7601, 109.0435



95.6250, 36.6669, 139.7719



135.3950, 13.6093, -118.7414



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 74.6630, 28.7601, 109.0435 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 74.6630, 28.7601, 109.0435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

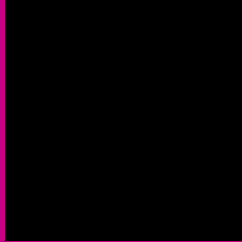
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6630, 28.7601, 109.0435

Background



This preview shows how black text looks on a background with the YUV color 74.6630, 28.7601, 109.0435.



This preview shows how white text looks on a background with the YUV color 74.6630, 28.7601,

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

74.6630, 28.7601, 109.0435

Protanopia

102.1430, 43.3135, -32.5744

Deuteranopia

107.4760, 8.1463, 0.4595



Tritanopia

95.3870, -19.9108, 86.4836

Trichromacy



Original Color

74.6630, 28.7601, 109.0435



Protanomaly

92.0940, 37.9147, 19.2116



Deuteranomaly

95.3790, 15.5892, 40.0096



Tritanomaly

88.0240, -2.4768, 94.6950

Monochromacy



Original Color

74.6630, 28.7601, 109.0435



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 74.6630, 28.7601, 109.0435 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(199, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(199, 0, 133)  
}
```

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(199, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 0, 133) }
```

Border

The CSS property to change the border of an element to YUV 74.6630, 28.7601, 109.0435 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(199, 0, 133) }
```


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

```
.border{ border-color:rgb(199, 0, 133) }
```

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

Here you see how a box with a 4 pixel rgb(199, 0, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(199, 0,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 74.6630, 28.7601, 109.0435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 0, 133) }
```

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

```
.background{ background-color: rgb(199, 0,  
133) }
```

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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