

Converting Colors

YUV(74.8780, 36.0491,
104.4700)

Have a look what the booklet for
YUV(74.8780, 36.0491, 104.4700)
contains.

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Color

**YUV(74.8780, 36.0491,
104.4700)**

Conversions

Conversions Part 1

Format	Color
Hex	C20094
RGB	194, 0, 148
RGB Percent	76%, 0%, 58%
CMY	0.2392, 1.0000, 0.4196
CMYK	0.00, 1.00, 0.24, 0.24
HSL	314°, 100%, 38%
HSV	314°, 100%, 76%
XYZ	27.5934, 13.6075, 29.1891
YIQ	74.8780, 68.1160, 87.1560

Conversions

Conversions Part 2

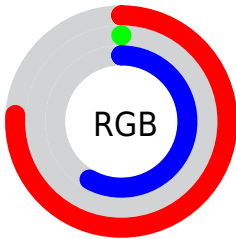
Format	Color
RYB	194, 0, 148
Decimal	12714132
CIELab	43.66, 73.90, -26.09
CIELCh	44, 78.369, 340.556
Yxy	13.6075, 0.3920, 0.1933
Android (android.graphics.Color)	4290904212 (0xFFC20094)
YUV	74.8780, 36.0491, 104.4700
Hunter-Lab	36.8883, 68.9683, -21.0935

Details

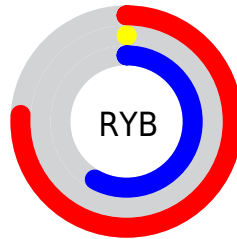
The YUV color **74.8780, 36.0491, 104.4700** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **119.1220, -36.0491, -104.4700**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9290, 25.1780, 91.2703**, and **51.4230, 22.4695, 73.2970** is the 20% darker color. If you saturate the color by 10%, you get **74.8780, 36.0491, 104.4700**, and if you desaturate by 10%, it is **86.6010, 32.7347, 94.1889**.

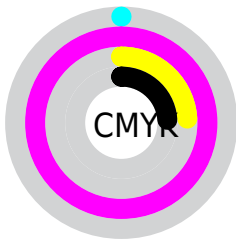
Distribution



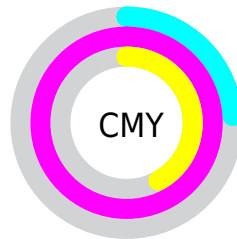
- Red (76%)
- Green (0%)
- Blue (58%)



- Red (76%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (24%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.8780, 36.0491, 104.4700 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 74.8780, 36.0491, 104.4700 by changing the saturation by 10% instead.

74.8780, 36.0491,
104.4700

74.8780, 36.0491,
104.4700

255.0000, 0.0000,
0.0000

62.9440, 29.1146,
88.6261

150.9290, 25.1780,
91.2703

51.4230, 22.4695,
73.2970

171.8450, 29.1634,
72.9269

40.0160, 16.2611,
57.8680

191.6040, 31.2542,
55.5983

29.3210, 10.1947,
43.5685

209.2140, 22.5725,
40.1543

18.4410, 4.7126,
28.5542

226.2370, 14.1802,
25.2252

2.6910, -1.3267,
5.5330

243.8470, 5.4984,

0.0000, 0.0000,

9.7812

0.0000

■ 74.8780, 36.0491,
104.4700

■ 86.6010, 32.7347,
94.1889

■ 98.7970, 28.6941,
83.4930

■ 110.5200, 25.3796,
73.2120

■ 122.7160, 21.3390,
62.5161

■ 134.4390, 18.0246,
52.2350

■ 146.1620, 14.7101,
41.9539

■ 158.3580, 10.6695,
31.2580

■ 170.0810, 7.3551,
20.9770

■ 182.2770, 3.3144,
10.2811

Harmonies

Analogous

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



104.0910, 49.2551, 21.8452



74.8780, 36.0491, 104.4700



73.2630, 5.2933, 122.5493

Triad

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



74.8780, 36.0491, 104.4700



95.0900, -46.8794, 9.5681



97.0410, 44.3498, -85.1050

Complementary

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



74.8780, 36.0491, 104.4700



119.1220, -36.0491, -104.4700

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.



89.9730, 17.2683, -78.9063



74.8780, 36.0491, 104.4700



72.5220, -35.7533, -59.2168

Square

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



74.8780, 36.0491, 104.4700



97.1480, -47.8940, 55.1212



80.9330, -12.2920, -70.9782



97.6060, 64.2842, -85.6005

Rectangle

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



74.8780, 36.0491, 104.4700



74.6000, -16.0718, 115.2378



80.9330, -12.2920, -70.9782



95.4620, 35.7612, -83.7202

Sweetspot

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



74.8780, 36.0491, 104.4700



205.9230, 13.8420, 40.4095



35.5710, 78.1055, 8.2692



99.7440, 8.5072, 24.7805



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.



74.8780, 36.0491, 104.4700



97.3500, 47.1555, 135.6281



63.9340, -5.8835, 114.0679



90.9020, 2.0203, 5.3479



62.1610, 29.9936, 86.6818



12.7170, 6.0555, 17.7882

Inverse Universe

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



74.8780, 36.0491, 104.4700



97.3500, 47.1555, 135.6281



130.0660, 5.8835, -114.0679



90.9020, 2.0203, 5.3479



62.1610, 29.9936, 86.6818



12.7170, 6.0555, 17.7882

Previews

White Background



This preview shows how the YUV color 74.8780, 36.0491, 104.4700 looks on a white background.

Color Contrast Check

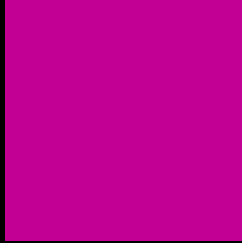
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.8780, 36.0491, 104.4700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

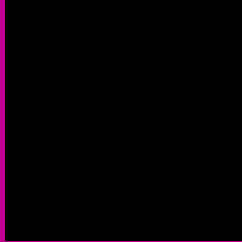
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.8780, 36.0491, 104.4700

Background



This preview shows how black text looks on a background with the YUV color 74.8780, 36.0491, 104.4700.



This preview shows how white text looks on a background with the YUV color 74.8780, 36.0491,

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



Protanopia

93.9800, 57.1979, -52.6025

Deuteranopia

106.1960, 16.1724, -7.1879

Tritanopia

96.9130, -17.7051, 79.0063

Trichromacy



Protanomaly

86.9810, 49.3094, 4.4017

Deuteranomaly

94.6970, 23.3204, 33.5917

Tritanomaly

89.1310, 1.9074, 88.4621

Monochromacy



Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.0860, 13.2686, 37.6356

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8780, 36.0491, 104.4700 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(194, 0, 148)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 148)  
}
```

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(194, 0, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 148) }
```

Border

The CSS property to change the border of an element to YUV 74.8780, 36.0491, 104.4700 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(194, 0, 148) }
```

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

```
.border{ border-color:rgb(194, 0, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 0, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 148);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
148) }
```


Background

The CSS property to change the background color of an element to YUV 74.8780, 36.0491, 104.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 148) }
```

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

```
.background{ background-color: rgb(194, 0,  
148) }
```

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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