

Converting Colors

YUV(74.3400, 18.5664,
111.9578)

Have a look what the booklet for
YUV(74.3400, 18.5664, 111.9578)
contains.

| | |
|--|----|
| YUV(74.3400, 18.5664, 111.9578) | 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(74.3400, 18.5664,
111.9578)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CA0270 |
| RGB | 202, 2, 112 |
| RGB Percent | 79%, 1%, 44% |
| CMY | 0.2078, 0.9922, 0.5608 |
| CMYK | 0.00, 0.99, 0.45, 0.21 |
| HSL | 327°, 98%, 40% |
| HSV | 327°, 99%, 79% |
| XYZ | 27.3035, 13.7698, 16.5480 |
| YIQ | 74.3400, 83.8900, 76.6100 |

Conversions

Conversions Part 2

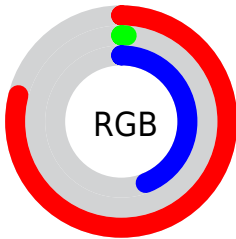
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 202, 2, 112 |
| Decimal | 13238896 |
| CIE Lab | 43.90, 71.72, -3.45 |
| CIE LCh | 44, 71.800, 357.243 |
| Yxy | 13.7698, 0.4738, 0.2390 |
| Android (android.graphics.Color) | 4291428976 (0xFFCA0270) |
| YUV | 74.3400, 18.5664, 111.9578 |
| Hunter-Lab | 37.1077, 66.3999, -0.4647 |

Details

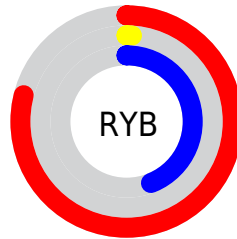
The YUV color **74.3400, 18.5664, 111.9578** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **129.6600, -18.5664, -111.9578**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.5970, 8.5797, 95.0694**, and **49.8680, 7.4601, 80.7998** is the 20% darker color. If you saturate the color by 10%, you get **73.0520, 18.7084, 113.0874**, and if you desaturate by 10%, it is **87.1060, 16.7097, 100.7620**.

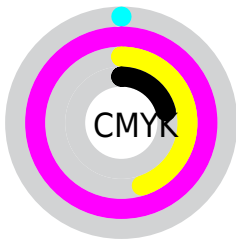
Distribution



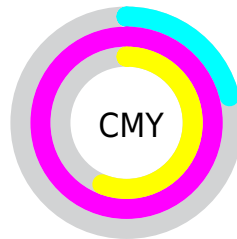
- Red (79%)
- Green (1%)
- Blue (44%)



- Red (79%)
- Yellow (1%)
- Blue (44%)



- Cyan (0%)
- Magenta (99%)
- Yellow (45%)
- Black (21%)





- Cyan (21%)
- Magenta (99%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.3400, 18.5664, 111.9578 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 74.3400, 18.5664, 111.9578 by changing the saturation by 10% instead.

 74.3400, 18.5664,
111.9578


 74.3400, 18.5664,
111.9578

255.0000, 0.0000,
0.0000


 61.4600, 13.0842,
96.9436


 146.5970, 8.5797,
95.0694


 49.8680, 7.4601,
80.7998


 167.2850, 11.6915,
76.9261


 38.3900, 2.2727,
64.5560


 187.9730, 14.8033,
58.7827

 27.4390, -2.1884,
48.7270

 208.3020, 19.0781,
40.9541

 16.3740, -7.0864,
32.9980

 226.8240, 13.8908,
24.7104

 1.7940, -0.8844,
3.6887

 244.4340, 5.2090,

 0.0000, 0.0000,

9.2664

0.0000

■ 74.3400, 18.5664,
111.9578

■ 74.3400, 18.5664,
111.9578

■ 73.0520, 18.7084,
113.0874

■ 87.1060, 16.7097,
100.7620

■ 99.8720, 14.8531,
89.5663

■ 113.2250, 12.7071,
77.8557

■ 125.9910, 10.8504,
66.6599

■ 138.7570, 8.9938,
55.4641

■ 151.6370, 7.5740,
44.1684

■ 164.4030, 5.7173,
32.9726

■ 177.7560, 3.5713,
21.2620

■ 190.5220, 1.7147,
10.0662

Harmonies

Analogous

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



101.1960, 33.4274, 58.5871



74.3400, 18.5664, 111.9578



85.3380, -15.4496, 102.3126

Triad

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



74.3400, 18.5664, 111.9578



89.9190, -44.3301, -14.8380



96.6310, 52.9329, -84.7454

Complementary

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



74.3400, 18.5664, 111.9578



129.6600, -18.5664, -111.9578

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.



93.6210, 31.2458, -82.1056



74.3400, 18.5664, 111.9578



76.3220, -22.3437, -66.9344

Square

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



74.3400, 18.5664, 111.9578



97.8690, -48.2494, 29.0559



86.0800, 4.8906, -75.4922



92.5680, 65.2890, -81.1821

Rectangle

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



74.3400, 18.5664, 111.9578



92.4470, -41.1394, 82.0460



86.0800, 4.8906, -75.4922



96.3230, 46.6758, -84.4753

Sweetspot

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



74.3400, 18.5664, 111.9578



206.5120, 7.1426, 42.5240



51.7100, 74.0930, 35.3343



98.6040, 4.1392, 25.7803



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.



74.3400, 18.5664, 111.9578



92.2050, 23.5629, 142.7712



62.9400, -25.1134, 121.9556



95.5600, 0.7099, 5.6479



60.0080, 15.2791, 92.9550



13.7560, 3.5713, 21.2620

Inverse Universe

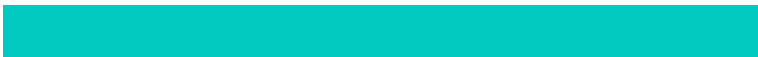
The Inverse Universe completely reimagines the original color for something new.



74.3400, 18.5664, 111.9578



92.2050, 23.5629, 142.7712



141.0600, 25.1134, -121.9556



95.5600, 0.7099, 5.6479



60.0080, 15.2791, 92.9550



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 74.3400, 18.5664, 111.9578 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 74.3400, 18.5664, 111.9578 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 74.3400, 18.5664, 111.9578

Background



This preview shows how black text looks on a background with the YUV color 74.3400, 18.5664, 111.9578.



This preview shows how white text looks on a background with the YUV color 74.3400, 18.5664,

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

74.3400, 18.5664, 111.9578

Protanopia

105.1160, 27.5508, -16.7647

Deuteranopia

106.5990, -1.7743, 9.1217



Tritanopia

90.4590, -22.4113, 95.1905

Trichromacy



Original Color

74.3400, 18.5664, 111.9578

Protanomaly

93.9030, 24.2048, 29.9031

Deuteranomaly

95.0780, 5.3845, 46.4126

Tritanomaly

84.6890, -7.7347, 101.1277

Monochromacy



Original Color

74.3400, 18.5664, 111.9578

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.3870, 6.7112, 40.8796

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.3400, 18.5664, 111.9578 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, 2, 112)` looks like.

```
.text, #text, p{  
    color:rgb(202, 2, 112)  
}
```

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, 2, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 2, 112) }
```

Border

The CSS property to change the border of an element to YUV 74.3400, 18.5664, 111.9578 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, 2, 112) }
```


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

```
.border{ border-color:rgb(202, 2, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 2, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 2, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 2, 112);  
box-shadow:4px 4px 4px 4px rgb(202, 2,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 74.3400, 18.5664, 111.9578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 2, 112) }
```

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

```
.background{ background-color: rgb(202, 2,  
112) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor