

Converting Colors

YUV(141.2800, 16.1310,
99.7324)

Have a look what the booklet for
YUV(141.2800, 16.1310, 99.7324)
contains.

YUV(141.2800, 16.1310, 99.7324)	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(141.2800, 16.1310,
99.7324)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4DAE
RGB	255, 77, 174
RGB Percent	100%, 30%, 68%
CMY	0.0000, 0.6980, 0.3176
CMYK	0.00, 0.70, 0.32, 0.00
HSL	327°, 100%, 65%
HSV	327°, 70%, 100%
XYZ	51.5339, 29.6237, 43.0462
YIQ	141.2800, 74.9510, 67.9030

Conversions

Conversions Part 2

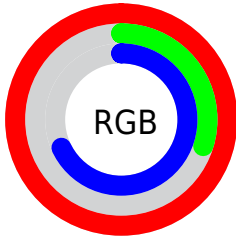
Format	Color
R _Y B	255, 77, 174
Decimal	16731566
CIE Lab	61.33, 74.40, -13.46
CIE LCh	61, 75.610, 349.744
Yxy	29.6237, 0.4149, 0.2385
Android (android.graphics.Color)	4294921646 (0xFFFF4DAE)
YUV	141.2800, 16.1310, 99.7324
Hunter-Lab	54.4277, 73.7609, -8.7924

Details

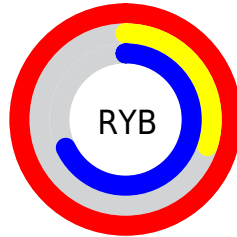
The YUV color **141.2800, 16.1310, 99.7324** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **190.7200, -16.1310, -99.7324**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4710, 22.9388, 62.7309**, and **71.9140, 24.6924, 107.0694** is the 20% darker color. If you saturate the color by 10%, you get **125.2370, 18.1242, 113.8022**, and if you desaturate by 10%, it is **157.9100, 13.8484, 85.1479**.

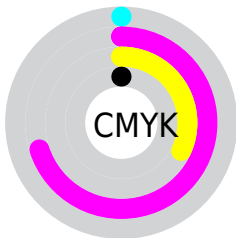
Distribution



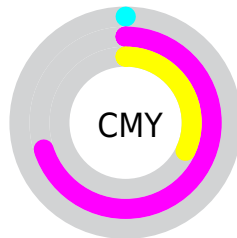
- Red (100%)
- Green (30%)
- Blue (68%)



- Red (100%)
- Yellow (30%)
- Blue (68%)



- Cyan (0%)
- Magenta (70%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (70%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 141.2800, 16.1310, 99.7324 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 141.2800, 16.1310, 99.7324 by changing the saturation by 10% instead.


 141.2800, 16.1310,
99.7324


 141.2800, 16.1310,
99.7324


255.0000, 0.0000,
0.0000

 107.8010, 19.3251,
101.9065


 183.4710, 22.9388,
62.7309

 71.9140, 24.6924,
107.0694


 203.3440, 25.4664,
45.3023


 60.0940, 18.1947,
91.1256

 220.9540, 16.7847,
29.8583

 48.3880, 12.1337,
75.0817

 238.5640, 8.1029,
14.4144

 36.7960, 6.5096,
58.9379

 26.4430, 1.7536,
44.3385

 14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,
0.0000

■ 141.2800, 16.1310,
99.7324

■ 141.2800, 16.1310,
99.7324

■ 125.2370, 18.1242,
113.8022

■ 157.9100, 13.8484,
85.1479

■ 108.7210, 20.8435,
128.2867

■ 173.8390, 11.4184,
71.1782

■ 92.6780, 22.8367,
142.3564

■ 190.4690, 9.1358,
56.5937

■ 92.0910, 23.1261,
142.8712

■ 206.3980, 6.7058,
42.6240

■ 223.0280, 4.4232,
28.0394

239.0710, 2.4300,
13.9697

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



151.5950, 41.6117, 46.8362



141.2800, 16.1310, 99.7324



134.2290, -13.4239, 105.9162

Triad

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



141.2800, 16.1310, 99.7324



133.4100, -65.7711, 2.2714



130.6380, 58.8455, -114.5695

Complementary

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



141.2800, 16.1310, 99.7324



190.7200, -16.1310, -99.7324

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.



126.2600, 31.9168, -110.7300



141.2800, 16.1310, 99.7324



117.7810, -31.9370, -69.9679

Square

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



141.2800, 16.1310, 99.7324



139.3220, -68.6857, 50.5836



117.8070, 2.0671, -103.3167



124.7510, 64.2128, -109.4066

Rectangle

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



141.2800, 16.1310, 99.7324



139.4090, -36.6836, 99.6193



117.8070, 2.0671, -103.3167



129.8740, 50.8411, -113.8995

Sweetspot

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



141.2800, 16.1310, 99.7324



220.5660, 5.1440, 30.1986



121.2120, 65.9575, 31.3861



107.5060, 2.7085, 17.9732



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.



141.2800, 16.1310, 99.7324



118.3240, 19.5603, 119.8649



131.2480, -22.3073, 108.5305



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Inverse Universe

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



141.2800, 16.1310, 99.7324



118.3240, 19.5603, 119.8649



200.7520, 22.3073, -108.5305



119.6850, 1.1413, 7.2923



68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 141.2800, 16.1310, 99.7324 looks on a white background.

Color Contrast Check

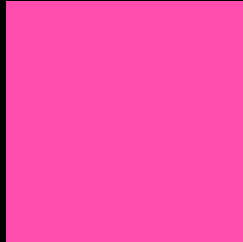
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 141.2800, 16.1310, 99.7324 looks on a black 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

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

YUV 141.2800, 16.1310, 99.7324 Background



This preview shows how black text looks on a background with the YUV color 141.2800, 16.1310, 99.7324.



This preview shows how white text looks on a background with the YUV color 141.2800, 16.1310,

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

141.2800, 16.1310, 99.7324

Protanopia

147.4880, 36.7344, -22.3530

Deuteranopia

149.6830, 7.5513, 4.6630



Tritanopia

142.7300, -20.0799, 94.0758

Trichromacy



Original Color

141.2800, 16.1310, 99.7324



Protanomaly

145.2270, 29.4681, 21.7259



Deuteranomaly

146.7010, 10.5004, 38.8502



Tritanomaly

142.1830, -6.9922, 96.3095

Monochromacy



Original Color

141.2800, 16.1310, 99.7324



Achromatopsia

141.0000, 0.0000, 0.0000



Achromatomaly

141.1260, 5.8539, 35.8465

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.2800, 16.1310, 99.7324 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(255, 77, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 174)  
}
```

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(255, 77, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 174) }
```

Border

The CSS property to change the border of an element to YUV 141.2800, 16.1310, 99.7324 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(255, 77, 174) }
```


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

```
.border{ border-color:rgb(255, 77, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 77, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 141.2800, 16.1310, 99.7324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 174) }
```

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

```
.background{ background-color: rgb(255, 77,  
174) }
```

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