

# Converting Colors

YUV(141.5080, 17.0046,  
99.5325)

Have a look what the booklet for  
YUV(141.5080, 17.0046, 99.5325)  
contains.

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# Color

**YUV(141.5080, 17.0046,  
99.5325)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF4DB0
RGB	255, 77, 176
RGB Percent	100%, 30%, 69%
CMY	0.0000, 0.6980, 0.3098
CMYK	0.00, 0.70, 0.31, 0.00
HSL	327°, 100%, 65%
HSV	327°, 70%, 100%
XYZ	51.7304, 29.7023, 44.0809
YIQ	141.5080, 74.3090, 68.5250

# Conversions

## Conversions Part 2

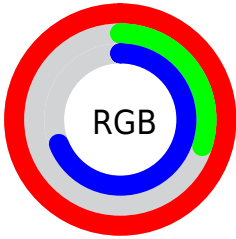
Format	Color
<a href="#">RYB</a>	<a href="#">255, 77, 176</a>
Decimal	<a href="#">16731568</a>
CIELab	<a href="#">61.40, 74.62, -14.51</a>
CIElCh	<a href="#">61, 76.023, 348.995</a>
Yxy	<a href="#">29.7023, 0.4121, 0.2366</a>
Android (android.graphics.Color)	<a href="#">4294921648</a> (0xFFFF4DB0)
YUV	<a href="#">141.5080, 17.0046, 99.5325</a>
Hunter-Lab	<a href="#">54.4999, 74.0545, -9.8054</a>

# Details

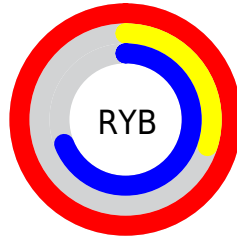
The YUV color **141.5080, 17.0046, 99.5325** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **190.4920, -17.0046, -99.5325**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6990, 23.8124, 62.5310**, and **72.0280, 25.1292, 106.9694** is the 20% darker color. If you saturate the color by 10%, you get **125.5790, 19.4346, 113.5022**, and if you desaturate by 10%, it is **158.0240, 14.2852, 85.0480**.

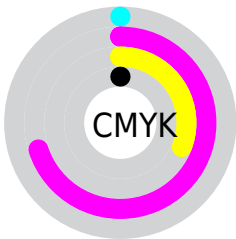
# Distribution



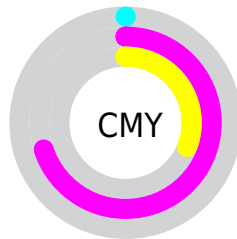
- Red (100%)
- Green (30%)
- Blue (69%)



- Red (100%)
- Yellow (30%)
- Blue (69%)



- Cyan (0%)
- Magenta (70%)
- Yellow (31%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.5080, 17.0046, 99.5325 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 141.5080, 17.0046, 99.5325 by changing the saturation by 10% instead.



141.5080, 17.0046,  
99.5325

141.5080, 17.0046,  
99.5325

255.0000, 0.0000,  
0.0000

108.0290, 20.1987,  
101.7066

183.6990, 23.8124,  
62.5310

72.0280, 25.1292,  
106.9694

203.9310, 25.1770,  
44.7875

60.3220, 19.0683,  
90.9256

220.9540, 16.7847,  
29.8583

48.6160, 13.0073,  
74.8818

238.5640, 8.1029,  
14.4144

37.3230, 7.2358,  
59.3527

26.5570, 2.1904,  
44.2385

14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,  
0.0000

■ 141.5080, 17.0046,  
99.5325

■ 141.5080, 17.0046,  
99.5325

■ 125.5790, 19.4346,  
113.5022

■ 158.0240, 14.2852,  
85.0480

■ 108.9490, 21.7171,  
128.0867

■ 174.0670, 12.2920,  
70.9782

■ 93.0200, 24.1471,  
142.0565

■ 190.5830, 9.5726,  
56.4937

■ 92.4330, 24.4365,  
142.5713

■ 206.5120, 7.1426,  
42.5240

■ 223.1420, 4.8600,  
27.9395

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.



151.8120, 42.4907, 44.8919



141.5080, 17.0046, 99.5325



133.2830, -11.9715, 106.7458

# Triad

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



141.5080, 17.0046, 99.5325



134.0080, -66.0659, 3.5010



131.1110, 58.1193, -114.9843

# Complementary

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



141.5080, 17.0046, 99.5325



190.4920, -17.0046, -99.5325

# 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.



126.1460, 31.4800, -110.6300



141.5080, 17.0046, 99.5325



118.6350, -33.8371, -67.2089

# Square

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



141.5080, 17.0046, 99.5325



139.3330, -68.6912, 52.3280



117.5790, 1.1936, -103.1168



124.7510, 64.2128, -109.4066



# Rectangle

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



141.5080, 17.0046, 99.5325



139.3490, -35.6681, 100.5489



117.5790, 1.1936, -103.1168



130.3470, 50.1149, -114.3143

# Sweetspot

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



141.5080, 17.0046, 99.5325



220.5660, 5.1440, 30.1986



120.3150, 66.3997, 29.5417



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.



141.5080, 17.0046, 99.5325



118.5520, 20.4339, 119.6649



131.5900, -20.9969, 108.2306



119.6850, 1.1413, 7.2923



69.1930, 18.1459, 106.8247



23.1260, 5.8539, 35.8465



# Inverse Universe

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



141.5080, 17.0046, 99.5325



118.5520, 20.4339, 119.6649



200.4100, 20.9969, -108.2306



119.6850, 1.1413, 7.2923



69.1930, 18.1459, 106.8247



23.1260, 5.8539, 35.8465



# Previews

## White Background



This preview shows how the YUV color 141.5080, 17.0046, 99.5325 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

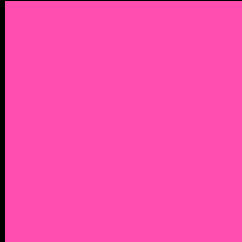
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 141.5080, 17.0046, 99.5325 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

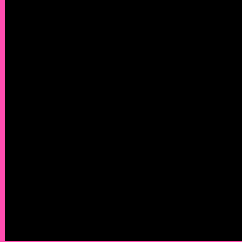
Any Text WCAG AA ✓ Pass

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 141.5080, 17.0046, 99.5325 Background



This preview shows how black text looks on a background with the YUV color 141.5080, 17.0046, 99.5325.



This preview shows how white text looks on a background with the YUV color 141.5080, 17.0046,



# 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

141.5080, 17.0046, 99.5325

### Protanopia

147.5310, 38.1922, -23.2677

### Deuteranopia

150.1990, 8.2829, 3.3335



## Tritanopia

143.1320, -19.7851, 92.8462

# Trichromacy



## Original Color

141.5080, 17.0046, 99.5325



## Protanomaly

145.4550, 30.3417, 21.5260



## Deuteranomaly

146.9290, 11.3740, 38.6503



## Tritanomaly

142.6990, -6.2606, 94.9800

# Monochromacy



## Original Color

141.5080, 17.0046, 99.5325



## Achromatopsia

142.0000, 0.0000, 0.0000



## Achromatomaly

141.5390, 6.1433, 36.3613

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.5080, 17.0046, 99.5325 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 176) }
```

## Border

The CSS property to change the border of an element to YUV 141.5080, 17.0046, 99.5325 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, 176) }
```



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

```
.border{ border-color:rgb(255, 77, 176) }
```

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, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
176) }
```

# Background

The CSS property to change the background color of an element to YUV 141.5080, 17.0046, 99.5325 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, 176) }
```

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

```
.background{ background-color: rgb(255, 77,  
176) }
```

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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