

Converting Colors

YUV(176.6260, 14.4814,
68.7340)

Have a look what the booklet for
YUV(176.6260, 14.4814, 68.7340)
contains.

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Color

**YUV(176.6260, 14.4814,
68.7340)**

Conversions

Conversions Part 1

Format	Color
Hex	FF83CE
RGB	255, 131, 206
RGB Percent	100%, 51%, 81%
CMY	0.0000, 0.4863, 0.1922
CMYK	0.00, 0.49, 0.19, 0.00
HSL	324°, 100%, 76%
HSV	324°, 49%, 100%
XYZ	60.4969, 41.9488, 63.3009
YIQ	176.6260, 49.8290, 49.6130

Conversions

Conversions Part 2

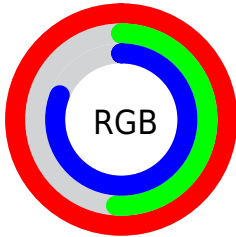
Format	Color
R _Y B	255, 131, 206
Decimal	16745422
CIE Lab	70.84, 55.81, -17.21
CIE LCh	71, 58.399, 342.866
Yxy	41.9488, 0.3650, 0.2531
Android (android.graphics.Color)	4294935502 (0xFFFF83CE)
YUV	176.6260, 14.4814, 68.7340
Hunter-Lab	64.7679, 53.3852, -12.6095

Details

The YUV color **176.6260, 14.4814, 68.7340** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **209.3740, -14.4814, -68.7340**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.0840, 19.6786, 35.0063**, and **120.5440, 15.5078, 66.1749** is the 20% darker color. If you saturate the color by 10%, you get **160.8110, 17.3482, 82.6038**, and if you desaturate by 10%, it is **192.4410, 11.6146, 54.8642**.

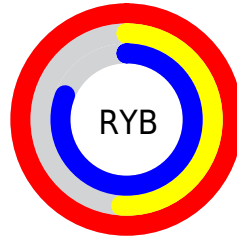
Distribution



Red (100%)

Green (51%)

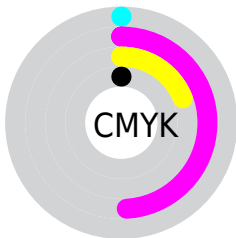
Blue (81%)



Red (100%)

Yellow (51%)

Blue (81%)

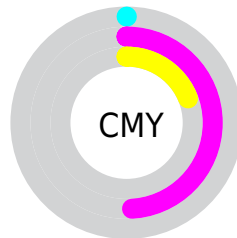


Cyan (0%)

Magenta (49%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.6260, 14.4814, 68.7340 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 176.6260, 14.4814, 68.7340 by changing the saturation by 10% instead.

 176.6260, 14.4814,
68.7340


 176.6260, 14.4814,
68.7340


255.0000, 0.0000,
0.0000


 148.6150, 14.4868,
66.9896


 215.0840, 19.6786,
35.0063


 120.5440, 15.5078,
66.1749


 232.1070, 11.2862,
20.0772

 91.8860, 16.8182,
65.8750

 249.1300, 2.8939,
5.1480

 58.3580, 21.0225,
70.7230

 41.9670, 17.2713,
60.5419

 31.2720, 11.2049,
46.2425

 21.4030, 5.7173,

32.9726

■ 9.1270, -2.5276,
17.4286

■ 0.0000, 0.0000,
0.0000

■ 176.6260, 14.4814,
68.7340

■ 176.6260, 14.4814,
68.7340

■ 160.8110, 17.3482,
82.6038

■ 192.4410, 11.6146,
54.8642

■ 144.4090, 20.5044,
96.9883

■ 208.8430, 8.4584,
40.4797

■ 128.5940, 23.3712,
110.8581

■ 225.2450, 5.3022,
26.0951

■ 112.1920, 26.5273,
125.2426

■ 241.0600, 2.4354,
12.2254

■ 96.3770, 29.3941, 255.0000, 0.0000,
139.1124 0.0000

■ 93.8010, 29.6781,
141.3715

Harmonies

Analogous

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



178.3720, 36.2986, 24.2298



176.6260, 14.4814, 68.7340



168.1220, -7.9481, 76.1920

Triad

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



176.6260, 14.4814, 68.7340



165.7870, -50.6740, 13.3418



143.4550, 49.5687, -125.8100

Complementary

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



176.6260, 14.4814, 68.7340



209.3740, -14.4814, -68.7340

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.



139.6300, 27.2974, -122.4555



176.6260, 14.4814, 68.7340



158.4960, -32.7825, -32.0070

Square

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



176.6260, 14.4814, 68.7340



169.9580, -49.7723, 50.9028



132.1860, 3.8523, -115.9271



139.4260, 56.9780, -122.2766

Rectangle

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



176.6260, 14.4814, 68.7340



168.4690, -24.3882, 75.8877



132.1860, 3.8523, -115.9271



142.4460, 43.1641, -124.9251

Sweetspot

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



176.6260, 14.4814, 68.7340



230.9840, 4.4449, 21.0620



159.4880, 47.0874, 17.1120



113.3590, 2.2880, 12.8402



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.



176.6260, 14.4814, 68.7340



161.5120, 17.4956, 81.9890



169.6720, -12.1633, 74.8327



119.6850, 1.1413, 7.2923



70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Inverse Universe

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



176.6260, 14.4814, 68.7340



161.5120, 17.4956, 81.9890



216.3280, 12.1633, -74.8327



119.6850, 1.1413, 7.2923



70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 176.6260, 14.4814, 68.7340 looks on a white background.

Color Contrast Check

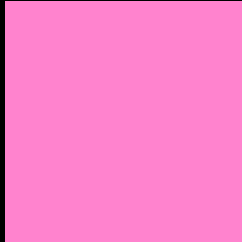
Large Text (above 18pt) WCAG AA × Fail

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 176.6260, 14.4814, 68.7340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

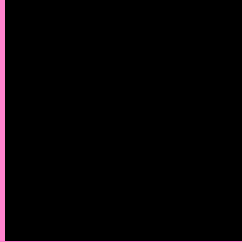
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.6260, 14.4814, 68.7340 Background



This preview shows how black text looks on a background with the YUV color 176.6260, 14.4814, 68.7340.



This preview shows how white text looks on a background with the YUV color 176.6260, 14.4814,

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

176.6260, 14.4814, 68.7340

Protanopia

174.3980, 29.8768, -16.1350

Deuteranopia

175.2250, 12.2141, 2.4337



Tritanopia

175.4320, -11.5520, 65.3961

Trichromacy



Original Color

176.6260, 14.4814, 68.7340



Protanomaly

175.1030, 24.1062, 14.8187



Deuteranomaly

175.6070, 13.0117, 26.6547



Tritanomaly

175.9620, -1.9533, 66.6853

Monochromacy



Original Color

176.6260, 14.4814, 68.7340



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.6470, 5.5970, 24.8656

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.6260, 14.4814, 68.7340 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, 131, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 131, 206)  
}
```

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, 131, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 131, 206) }
```

Border

The CSS property to change the border of an element to YUV 176.6260, 14.4814, 68.7340 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, 131, 206) }
```


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

```
.border{ border-color:rgb(255, 131, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 131, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 131, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 131, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 131,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 176.6260, 14.4814, 68.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 131, 206) }
```

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

```
.background{ background-color: rgb(255,  
131, 206) }
```

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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