

Converting Colors

YUV(106.7880, -4.3325,
129.9819)

Have a look what the booklet for
YUV(106.7880, -4.3325, 129.9819)
contains.

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Color

**YUV(106.7880, -4.3325,
129.9819)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2162
RGB	255, 33, 98
RGB Percent	100%, 13%, 38%
CMY	0.0000, 0.8706, 0.6157
CMYK	0.00, 0.87, 0.62, 0.00
HSL	342°, 100%, 56%
HSV	342°, 87%, 100%
XYZ	43.9885, 23.2296, 13.7206
YIQ	106.7880, 111.4470, 67.2790

Conversions

Conversions Part 2

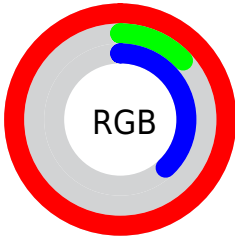
Format	Color
R_{YB}	255, 33, 98
Decimal	16720226
CIE _{Lab}	55.31, 79.39, 22.68
CIE _{LCh}	55, 82.568, 15.940
Yxy	23.2296, 0.5435, 0.2870
Android (android.graphics.Color)	4294910306 (0xFFFF2162)
YUV	106.7880, -4.3325, 129.9819
Hunter-Lab	48.1970, 78.5685, 16.8595

Details

The YUV color **106.7880, -4.3325, 129.9819** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed rose. A complement of this color would be **181.2120, 4.3325, -129.9819**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5130, -4.1969, 86.3731**, and **62.7380, -5.2938, 111.6088** is the 20% darker color. If you saturate the color by 10%, you get **90.0610, -4.9601, 144.6515**, and if you desaturate by 10%, it is **123.5150, -3.7049, 115.3123**.

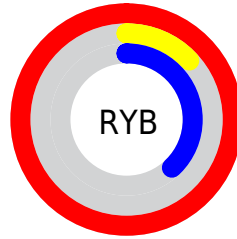
Distribution



Red (100%)

Green (13%)

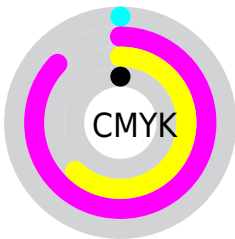
Blue (38%)



Red (100%)

Yellow (13%)

Blue (38%)

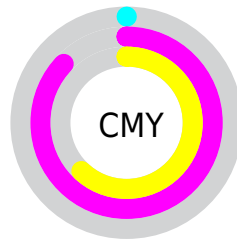


Cyan (0%)

Magenta (87%)

Yellow (62%)

Black (0%)



Cyan (0%)


Magenta (87%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.7880, -4.3325, 129.9819 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 106.7880, -4.3325, 129.9819 by changing the saturation by 10% instead.


 106.7880, -4.3325,
129.9819


 106.7880, -4.3325,
129.9819


255.0000, 0.0000,
0.0000


 75.1130, -0.5487,
129.6969


 156.5130, -4.1969,
86.3731


 62.7380, -5.2938,
111.6088


 177.7880, -1.3745,
67.7149

 50.8900, -9.3128,
93.9355


 198.4760, 1.7373,
49.5715

 39.1130, -14.3527,
77.0769

 219.2780, 5.2859,
31.3282

 28.7470, -12.6933,
58.1039

 240.3250, 7.2348,
12.8700

 19.4780, -8.1237,
39.0458

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 106.7880, -4.3325,
129.9819

■ 106.7880, -4.3325,
129.9819

■ 90.0610, -4.9601,
144.6515

■ 123.5150, -3.7049,
115.3123

■ 84.7950, -4.8289,
149.2698

■ 140.8290, -3.3667,
100.1280

■ 157.5560, -2.7391,
85.4584

■ 174.8700, -2.4009,
70.2740

■ 192.1840, -2.0627,
55.0896

■ 208.9110, -1.4351,
40.4201

■ 225.6380, -0.8075,
25.7505

■ 242.9520, -0.4693,
10.5661

■ 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.



116.5660, 25.8500, 109.1286



106.7880, -4.3325, 129.9819



119.8900, -46.2878, 100.0745

Triad

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



106.7880, -4.3325, 129.9819



90.3980, -44.5662, -79.2790



117.7070, 67.6854, -103.2290

Complementary

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



106.7880, -4.3325, 129.9819



181.2120, 4.3325, -129.9819

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.



121.2970, 56.0556, -106.3775



106.7880, -4.3325, 129.9819



105.3370, -5.0961, -92.3805

Square

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



106.7880, -4.3325, 129.9819



120.1420, -59.2300, 4.2605



115.0610, 27.0849, -100.9085



104.2060, 74.3414, -91.3887

Rectangle

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



106.7880, -4.3325, 129.9819



123.5170, -60.8939, 71.4606



115.0610, 27.0849, -100.9085



120.0550, 66.5279, -105.2882

Sweetspot

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



106.7880, -4.3325, 129.9819



210.9000, -1.4297, 38.6757



104.6530, 74.1211, 73.0953



101.3280, -0.6547, 23.3913



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.



106.7880, -4.3325, 129.9819



84.7950, -4.8289, 149.2698



125.2060, -45.4576, 113.8293



119.2290, -0.6059, 7.6922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Inverse Universe

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



106.7880, -4.3325, 129.9819



84.7950, -4.8289, 149.2698



162.7940, 45.4576, -113.8293



119.2290, -0.6059, 7.6922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 106.7880, -4.3325, 129.9819 looks on a white background.

Color Contrast Check

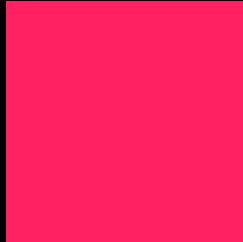
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.7880, -4.3325, 129.9819 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 106.7880, -4.3325, 129.9819

Background



This preview shows how black text looks on a background with the YUV color 106.7880, -4.3325, 129.9819.



This preview shows how white text looks on a background with the YUV color 106.7880, -4.3325,

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

106.7880, -4.3325, 129.9819

Protanopia

133.2110, 3.3470, -0.1850

Deuteranopia

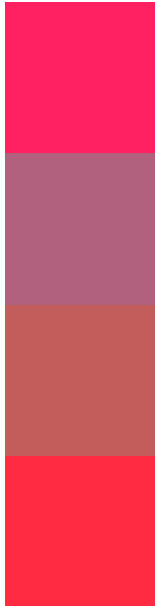
132.3070, -22.3364, 24.2868



Tritanopia

109.2950, -30.2184, 126.0293

Trichromacy



Original Color

106.7880, -4.3325, 129.9819

Protanomaly

123.5250, 0.7272, 46.8976

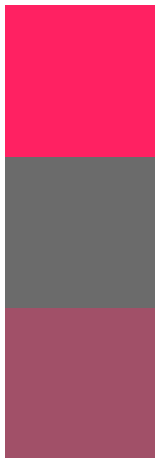
Deuteranomaly

123.2700, -15.9091, 62.9072

Tritanomaly

108.7110, -21.0565, 127.4185

Monochromacy



Original Color

106.7880, -4.3325, 129.9819

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.9550, -1.4568, 47.3975

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.7880, -4.3325, 129.9819 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, 33, 98)` looks like.

```
.text, #text, p{  
    color:rgb(255, 33, 98)  
}
```

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, 33, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 33, 98) }
```

Border

The CSS property to change the border of an element to YUV 106.7880, -4.3325, 129.9819 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, 33, 98) }
```


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

```
.border{ border-color:rgb(255, 33, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 33, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 33, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 33, 98);  
box-shadow:4px 4px 4px 4px rgb(255, 33,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 106.7880, -4.3325, 129.9819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 33, 98) }
```

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

```
.background{ background-color: rgb(255, 33,  
98) }
```

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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