

Converting Colors

YUV(105.0000, 14.2970,
128.0420)

Have a look what the booklet for
YUV(105.0000, 14.2970, 128.0420)
contains.

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Color

**YUV(105.0000, 14.2970,
128.0420)**

Conversions

Conversions Part 1

Format	Color
Hex	FB1986
RGB	251, 25, 134
RGB Percent	98%, 10%, 53%
CMY	0.0157, 0.9020, 0.4745
CMYK	0.00, 0.90, 0.47, 0.02
HSL	331°, 97%, 54%
HSV	331°, 90%, 98%
XYZ	44.4344, 22.9257, 24.6374
YIQ	105.0000, 99.7070, 81.8110

Conversions

Conversions Part 2

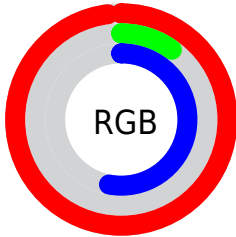
Format	Color
RYB	251, 25, 134
Decimal	16456070
CIELab	55.00, 82.04, 0.53
CIELCh	55, 82.044, 0.372
Yxy	22.9257, 0.4830, 0.2492
Android (android.graphics.Color)	4294646150 (0xFFFB1986)
YUV	105.0000, 14.2970, 128.0420
Hunter-Lab	47.8808, 81.8602, 3.0085

Details

The YUV color **105.0000, 14.2970, 128.0420** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **171.0000, -14.2970, -128.0420**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.1980, 13.7064, 84.0184**, and **65.9020, 9.4153, 107.0799** is the 20% darker color. If you saturate the color by 10%, you get **88.8430, 15.8534, 142.2117**, and if you desaturate by 10%, it is **121.1570, 12.7406, 113.8723**.

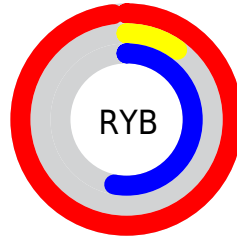
Distribution



Red (98%)

Green (10%)

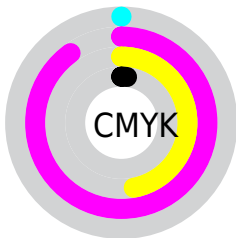
Blue (53%)



Red (98%)

Yellow (10%)

Blue (53%)

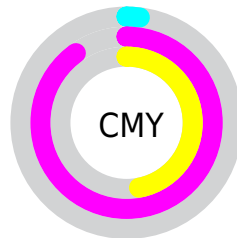


Cyan (0%)

Magenta (90%)

Yellow (47%)

Black (2%)



Cyan (2%)


Magenta (90%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.0000, 14.2970, 128.0420 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 105.0000, 14.2970, 128.0420 by changing the saturation by 10% instead.


 105.0000, 14.2970,
128.0420


 105.0000, 14.2970,
128.0420


255.0000, 0.0000,
0.0000


 77.9070, 15.3288,
123.7386


 159.1980, 13.7064,
84.0184


 65.9020, 9.4153,
107.0799


 180.5870, 16.9656,
65.2602


 54.0110, 3.9386,
90.3214


 201.9760, 20.2248,
46.5020

 42.2340, -1.1014,
73.4628

 220.9540, 16.7847,
29.8583

 30.6850, -5.2677,
56.4043

 239.1510, 7.8136,
13.8996

 19.7770, -8.2711,
39.6606

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 105.0000, 14.2970,
128.0420

■ 105.0000, 14.2970,
128.0420

■ 88.8430, 15.8534,
142.2117

■ 121.1570, 12.7406,
113.8723

■ 137.3140, 11.1842,
99.7026

■ 153.4710, 9.6278,
85.5329

■ 169.6280, 8.0714,
71.3632

■ 186.3720, 6.2256,
56.6788

202.5290, 4.6692,
42.5091

218.6860, 3.1128,
28.3394

234.8430, 1.5564,
14.1697

251.0000, 0.0000,
0.0000

Harmonies

Analogous

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



127.9300, 37.0095, 76.3604



105.0000, 14.2970, 128.0420



114.1350, -24.2236, 116.5226

Triad

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



105.0000, 14.2970, 128.0420



112.8890, -55.6543, -22.7047



120.6420, 66.2385, -105.8030

Complementary

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



105.0000, 14.2970, 128.0420



171.0000, -14.2970, -128.0420

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.



118.1220, 41.3519, -103.5930



105.0000, 14.2970, 128.0420



98.4290, -21.4105, -86.3222

Square

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



105.0000, 14.2970, 128.0420



123.2640, -60.7692, 31.3405



109.4410, 10.6286, -95.9798



111.8370, 70.5794, -98.0810

Rectangle

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



105.0000, 14.2970, 128.0420



119.3810, -54.4178, 94.3819



109.4410, 10.6286, -95.9798



120.8070, 59.2551, -105.9477

Sweetspot

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



105.0000, 14.2970, 128.0420



210.3930, 4.2433, 39.1203



85.7470, 81.4697, 49.3339



101.4250, 2.2555, 23.3063



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.



105.0000, 14.2970, 128.0420



90.2670, 16.1374, 144.4708



94.9220, -34.4715, 136.8804



116.5710, 0.7045, 7.3922



66.8850, 11.8887, 107.0949



21.6590, 4.1121, 34.5021

Inverse Universe

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



105.0000, 14.2970, 128.0420



90.2670, 16.1374, 144.4708



181.0780, 34.4715, -136.8804



116.5710, 0.7045, 7.3922



66.8850, 11.8887, 107.0949



21.6590, 4.1121, 34.5021

Previews

White Background



This preview shows how the YUV color 105.0000, 14.2970, 128.0420 looks on a white background.

Color Contrast Check

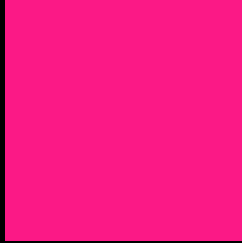
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.0000, 14.2970, 128.0420 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 105.0000, 14.2970, 128.0420 Background



This preview shows how black text looks on a background with the YUV color 105.0000, 14.2970, 128.0420.



This preview shows how white text looks on a background with the YUV color 105.0000, 14.2970,

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

105.0000, 14.2970, 128.0420

Protanopia

131.8710, 29.1506, -16.5499

Deuteranopia

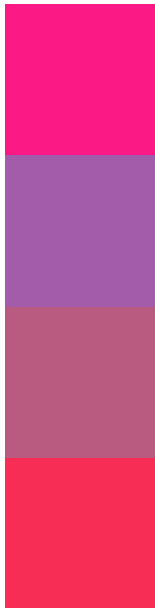
133.5240, -4.6953, 12.6955



Tritanopia

113.9240, -27.5705, 116.7077

Trichromacy



Original Color

105.0000, 14.2970, 128.0420

Protanomaly

122.1210, 23.6043, 35.8509

Deuteranomaly

123.3240, 2.3053, 54.0899

Tritanomaly

110.3710, -12.0149, 120.7006

Monochromacy



Original Color

105.0000, 14.2970, 128.0420

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.0780, 5.3845, 46.4126

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.0000, 14.2970, 128.0420 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(251, 25, 134)` looks like.

```
.text, #text, p{  
    color:rgb(251, 25, 134)  
}
```

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(251, 25, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 25, 134) }
```

Border

The CSS property to change the border of an element to YUV 105.0000, 14.2970, 128.0420 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(251, 25, 134) }
```


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

```
.border{ border-color:rgb(251, 25, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 25, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 25, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 25, 134);  
box-shadow:4px 4px 4px 4px rgb(251, 25,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 105.0000, 14.2970, 128.0420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 25, 134) }
```

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

```
.background{ background-color: rgb(251, 25,  
134) }
```

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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