

Converting Colors

YUV(168.8530, 0.0725, 70.2889)

Have a look what the booklet for
YUV(168.8530, 0.0725, 70.2889)
contains.

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Color

**YUV(168.8530, 0.0725,
70.2889)**

Conversions

Conversions Part 1

Format	Color
Hex	F980A9
RGB	249, 128, 169
RGB Percent	98%, 50%, 66%
CMY	0.0235, 0.4980, 0.3373
CMYK	0.00, 0.49, 0.32, 0.02
HSL	340°, 91%, 74%
HSV	340°, 49%, 98%
XYZ	53.9475, 38.4427, 42.1129
YIQ	168.8530, 58.9550, 38.4030

Conversions

Conversions Part 2

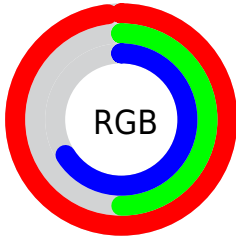
Format	Color
R_{YB}	249, 128, 169
Decimal	16351401
CIE Lab	68.35, 50.42, -0.30
CIE LCh	68, 50.424, 359.665
Yxy	38.4427, 0.4011, 0.2858
Android (android.graphics.Color)	4294541481 (0xFFFF980A9)
YUV	168.8530, 0.0725, 70.2889
Hunter-Lab	62.0021, 46.8076, 3.1307

Details

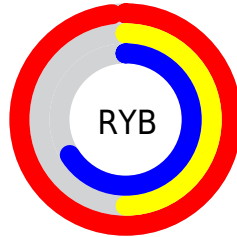
The YUV color **168.8530, 0.0725, 70.2889** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **208.1470, -0.0725, -70.2889**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7890, 7.0060, 39.6500**, and **113.5860, 1.6831, 67.0151** is the 20% darker color. If you saturate the color by 10%, you get **152.3540, 0.3185, 84.7585**, and if you desaturate by 10%, it is **185.3520, -0.1735, 55.8193**.

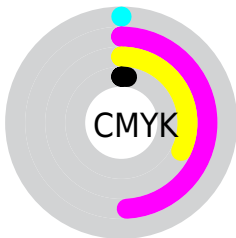
Distribution



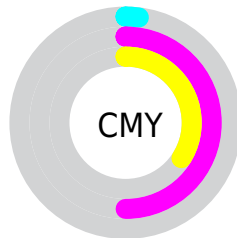
- Red (98%)
- Green (50%)
- Blue (66%)



- Red (98%)
- Yellow (50%)
- Blue (66%)



- Cyan (0%)
- Magenta (49%)
- Yellow (32%)
- Black (2%)



- Cyan (2%)
- Magenta (50%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8530, 0.0725, 70.2889 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 168.8530, 0.0725, 70.2889 by changing the saturation by 10% instead.


 168.8530, 0.0725,
70.2889


 168.8530, 0.0725,
70.2889

255.0000, 0.0000,
0.0000


 141.0700, 0.9515,
68.3446


 209.7890, 7.0060,
39.6500

 113.5860, 1.6831,
67.0151


 229.5310, 11.5702,
22.3363

 85.7430, 3.5777,
66.0004

 246.7820, 4.0515,
7.2072

 53.7910, 7.4980,
68.5893

 36.4540, 5.1992,
59.2378

 25.6880, 0.1538,
44.1236

 15.7760, -6.7916,

31.7684

■ 0.0000, 0.0000,
0.0000

■ 168.8530, 0.0725,
70.2889

■ 168.8530, 0.0725,
70.2889

■ 152.3540, 0.3185,
84.7585

■ 185.3520, -0.1735,
55.8193

■ 135.7410, 0.1277,
99.3281

■ 201.9650, 0.0173,
41.2497

■ 119.2420, 0.3737,
113.7978

■ 218.4640, -0.2288,
26.7801

■ 102.6290, 0.1829,
128.3674

■ 235.0770, -0.0380,
12.2105

■ 86.1300, 0.4289,
142.8370

■ 250.9890, 0.0054,
-1.7444

■ 84.0270, -0.0133,
144.6813

■ 253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



171.6660, 20.3777, 44.1429



168.8530, 0.0725, 70.2889



166.9570, -21.1778, 72.8287

Triad

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



168.8530, 0.0725, 70.2889



157.7270, -36.3474, -8.5306



135.2370, 53.6202, -118.6028

Complementary

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



168.8530, 0.0725, 70.2889



208.1470, -0.0725, -70.2889

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.



134.8830, 37.0327, -118.2924



168.8530, 0.0725, 70.2889



149.3590, -14.9670, -52.9348

Square

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



168.8530, 0.0725, 70.2889



162.4820, -44.6076, 27.6413



130.3400, 17.0874, -114.3082



153.9540, 49.8157, -64.8577

Rectangle

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



168.8530, 0.0725, 70.2889



165.8020, -32.9334, 63.3176



130.3400, 17.0874, -114.3082



135.9720, 48.8208, -119.2474

Sweetspot

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



168.8530, 0.0725, 70.2889



229.8440, 0.0769, 22.0618



165.4150, 41.2074, 36.4700



112.6750, -0.3328, 13.4400



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.



168.8530, 0.0725, 70.2889



156.9520, 0.0237, 85.9881



174.7450, -23.0453, 65.1216



116.4570, 0.2677, 7.4922



63.8070, 0.0951, 109.7943



20.6330, 0.1809, 35.4019

Inverse Universe

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



168.8530, 0.0725, 70.2889



156.9520, 0.0237, 85.9881



202.2550, 23.0453, -65.1216



116.4570, 0.2677, 7.4922



63.8070, 0.0951, 109.7943



20.6330, 0.1809, 35.4019

Previews

White Background



This preview shows how the YUV color 168.8530, 0.0725, 70.2889 looks on a white background.

Color Contrast Check

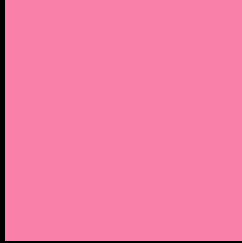
Large Text (above 18pt) WCAG AA × Fail

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 168.8530, 0.0725, 70.2889 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 168.8530, 0.0725, 70.2889

Background



This preview shows how black text looks on a background with the YUV color 168.8530, 0.0725, 70.2889.



This preview shows how white text looks on a background with the YUV color 168.8530, 0.0725,

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

168.8530, 0.0725, 70.2889

Protanopia

168.0670, 11.7990, -4.4438

Deuteranopia

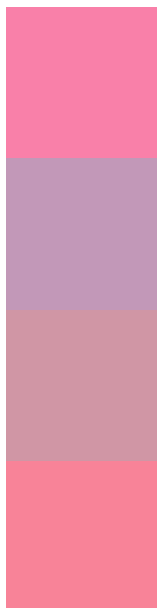
168.6920, -2.8062, 13.4251



Tritanopia

168.2260, -12.4364, 69.0848

Trichromacy



Original Color

168.8530, 0.0725, 70.2889

Protanomaly

168.2060, 7.7864, 22.6213

Deuteranomaly

169.0520, -1.9976, 34.1574

Tritanomaly

168.3770, -8.0739, 69.8294

Monochromacy



Original Color

168.8530, 0.0725, 70.2889

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8660, 0.0661, 25.5505

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8530, 0.0725, 70.2889 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(249, 128, 169)` looks like.

```
.text, #text, p{  
    color:rgb(249, 128, 169)  
}
```

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(249, 128, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 128, 169) }
```

Border

The CSS property to change the border of an element to YUV 168.8530, 0.0725, 70.2889 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(249, 128, 169) }
```


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

```
.border{ border-color:rgb(249, 128, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 128, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 128, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 128, 169);  
box-shadow:4px 4px 4px 4px rgb(249, 128,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 168.8530, 0.0725, 70.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 128, 169) }
```

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

```
.background{ background-color: rgb(249,  
128, 169) }
```

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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