

Converting Colors

YUV(170.3090, 1.8197, 69.8890)

Have a look what the booklet for
YUV(170.3090, 1.8197, 69.8890)
contains.

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Color

**YUV(170.3090, 1.8197,
69.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	FA81AE
RGB	250, 129, 174
RGB Percent	98%, 51%, 68%
CMY	0.0196, 0.4941, 0.3176
CMYK	0.00, 0.48, 0.30, 0.02
HSL	338°, 92%, 74%
HSV	338°, 48%, 98%
XYZ	54.9146, 39.0805, 44.6934
YIQ	170.3090, 57.6710, 39.6470

Conversions

Conversions Part 2

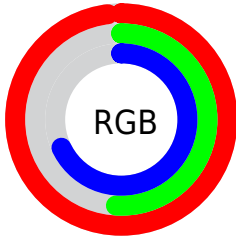
Format	Color
R_{YB}	250, 129, 174
Decimal	16417198
CIE _{Lab}	68.81, 50.88, -2.41
CIE _{LCh}	69, 50.939, 357.285
Yxy	39.0805, 0.3960, 0.2818
Android (android.graphics.Color)	4294607278 (0xFFFA81AE)
YUV	170.3090, 1.8197, 69.8890
Hunter-Lab	62.5144, 47.3997, 1.3719

Details

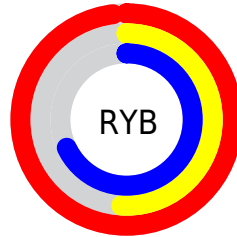
The YUV color **170.3090, 1.8197, 69.8890** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **208.6910, -1.8197, -69.8890**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9460, 8.9006, 38.6354**, and **115.0420, 3.4303, 66.6152** is the 20% darker color. If you saturate the color by 10%, you get **153.8100, 2.0657, 84.3586**, and if you desaturate by 10%, it is **186.8080, 1.5737, 55.4194**.

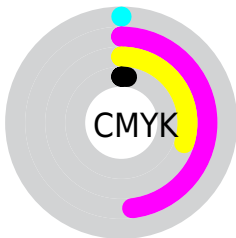
Distribution



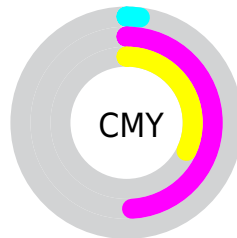
- Red (98%)
- Green (51%)
- Blue (68%)



- Red (98%)
- Yellow (51%)
- Blue (68%)



- Cyan (0%)
- Magenta (48%)
- Yellow (30%)
- Black (2%)




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

Brightness & Saturation Gradients


These gradients show how the YUV color 170.3090, 1.8197, 69.8890 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 170.3090, 1.8197, 69.8890 by changing the saturation by 10% instead.

 170.3090, 1.8197,
69.8890

 170.3090, 1.8197,
69.8890

255.0000, 0.0000,
0.0000


 142.4120, 2.2619,
68.0447

 210.9460, 8.9006,
38.6354

 115.0420, 3.4303,
66.6152

 230.3460, 12.1544,
21.6216

 87.0850, 4.8881,
65.7005

 247.3690, 3.7621,
6.6924

 55.7200, 8.5190,
67.7746

 37.2090, 6.7990,
59.4527

 26.7420, 1.6062,
44.9533

 16.4880, -6.6496,

32.8980

■ 2.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 170.3090, 1.8197,
69.8890

■ 170.3090, 1.8197,
69.8890

■ 153.8100, 2.0657,
84.3586

■ 186.8080, 1.5737,
55.4194

■ 137.4250, 2.7485,
98.7283

■ 203.1930, 0.8909,
41.0497

■ 120.9260, 2.9945,
113.1979

■ 219.6920, 0.6448,
26.5801

■ 104.4270, 3.2405,
127.6675

■ 236.1910, 0.3988,
12.1105

■ 87.9280, 3.4865,
142.1371

■ 252.6900, 0.1528,
-2.3591

■ 85.3520, 3.7705,
144.3963

■ 253.5050, 0.7370,
-3.0739

Harmonies

Analogous

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



173.1110, 22.1303, 41.9987



170.3090, 1.8197, 69.8890



168.3100, -19.8728, 74.2731

Triad

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



170.3090, 1.8197, 69.8890



159.5810, -38.2474, -5.7715



136.5250, 53.4782, -119.7324

Complementary

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



170.3090, 1.8197, 69.8890



208.6910, -1.8197, -69.8890

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.



135.9430, 36.0171, -119.2220



170.3090, 1.8197, 69.8890



151.3980, -17.4512, -49.4610

Square

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



170.3090, 1.8197, 69.8890



164.0910, -44.9079, 30.6152



130.5850, 15.4876, -114.5230



151.8390, 50.8584, -72.6498

Rectangle

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



170.3090, 1.8197, 69.8890



167.3400, -32.2126, 65.4768



130.5850, 15.4876, -114.5230



137.0320, 47.8052, -120.1771

Sweetspot

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



170.3090, 1.8197, 69.8890



229.9580, 0.5137, 21.9618



165.2190, 41.7970, 34.0109



112.7890, 0.1040, 13.3400



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.



170.3090, 1.8197, 69.8890



157.5220, 2.2077, 85.4882



173.3970, -21.8877, 67.1808



116.4570, 0.2677, 7.4922



64.4910, 2.7159, 109.1944



20.8610, 1.0545, 35.2019

Inverse Universe

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



170.3090, 1.8197, 69.8890



157.5220, 2.2077, 85.4882



205.6030, 21.8877, -67.1808



116.4570, 0.2677, 7.4922



64.4910, 2.7159, 109.1944



20.8610, 1.0545, 35.2019

Previews

White Background



This preview shows how the YUV color 170.3090, 1.8197, 69.8890 looks on a white background.

Color Contrast Check

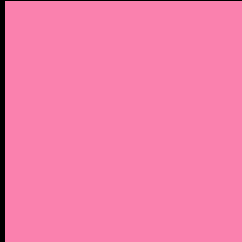
Large Text (above 18pt) WCAG AA × Fail

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 170.3090, 1.8197, 69.8890 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 170.3090, 1.8197, 69.8890

Background



This preview shows how black text looks on a background with the YUV color 170.3090, 1.8197, 69.8890.



This preview shows how white text looks on a background with the YUV color 170.3090, 1.8197,

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

170.3090, 1.8197, 69.8890

Protanopia

169.0390, 14.2778, -6.1732

Deuteranopia

169.8490, -0.9116, 12.4104



Tritanopia

169.5140, -12.5784, 67.9552

Trichromacy



Original Color

170.3090, 1.8197, 69.8890



Protanomaly

169.3630, 9.6810, 21.6066



Deuteranomaly

170.2090, -0.1030, 33.1427



Tritanomaly

169.8930, -7.3422, 68.4998

Monochromacy



Original Color

170.3090, 1.8197, 69.8890



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.9800, 0.5029, 25.4505

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3090, 1.8197, 69.8890 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(250, 129, 174)` looks like.

```
.text, #text, p{  
    color:rgb(250, 129, 174)  
}
```

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(250, 129, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 129, 174) }
```

Border

The CSS property to change the border of an element to YUV 170.3090, 1.8197, 69.8890 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(250, 129, 174) }
```


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

```
.border{ border-color:rgb(250, 129, 174) }
```

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

Here you see how a box with a 4 pixel rgb(250, 129, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 129, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 129, 174);  
box-shadow:4px 4px 4px 4px rgb(250, 129,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 170.3090, 1.8197, 69.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 129, 174) }
```

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

```
.background{ background-color: rgb(250,  
129, 174) }
```

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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