

Converting Colors

YUV(170.8850, 21.7487,
71.1379)

Have a look what the booklet for
YUV(170.8850, 21.7487, 71.1379)
contains.

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Color

**YUV(170.8850, 21.7487,
71.1379)**

Conversions

Conversions Part 1

Format	Color
Hex	FC79D7
RGB	252, 121, 215
RGB Percent	99%, 47%, 84%
CMY	0.0118, 0.5255, 0.1569
CMYK	0.00, 0.52, 0.15, 0.01
HSL	317°, 96%, 73%
HSV	317°, 52%, 99%
XYZ	59.2480, 39.2765, 68.7484
YIQ	170.8850, 47.9020, 57.0060

Conversions

Conversions Part 2

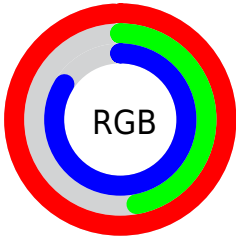
Format	Color
RYB	252, 121, 215
Decimal	16546263
CIELab	68.95, 60.95, -25.11
CIELCh	69, 65.920, 337.608
Yxy	39.2765, 0.3542, 0.2348
Android (android.graphics.Color)	4294736343 (0xFFFC79D7)
YUV	170.8850, 21.7487, 71.1379
Hunter-Lab	62.6710, 59.0765, -21.1699

Details

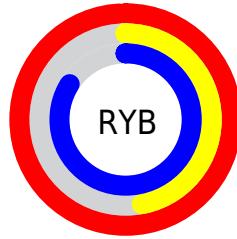
The YUV color **170.8850, 21.7487, 71.1379** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **202.1150, -21.7487, -71.1379**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2140, 22.5725, 40.1543**, and **113.5150, 22.9171, 69.7083** is the 20% darker color. If you saturate the color by 10%, you get **155.4120, 25.9259, 84.7077**, and if you desaturate by 10%, it is **186.3580, 17.5715, 57.5680**.

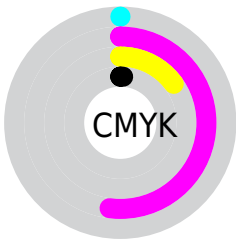
Distribution



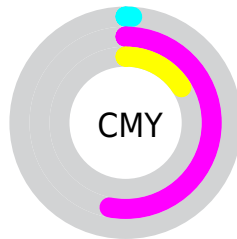
- Red (99%)
- Green (47%)
- Blue (84%)



- Red (99%)
- Yellow (47%)
- Blue (84%)



- Cyan (0%)
- Magenta (52%)
- Yellow (15%)
- Black (1%)




- Cyan (1%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.8850, 21.7487, 71.1379 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 170.8850, 21.7487, 71.1379 by changing the saturation by 10% instead.


 170.8850, 21.7487,
71.1379


 170.8850, 21.7487,
71.1379


255.0000, 0.0000,
0.0000

 142.2870, 22.0435,
69.9083


 209.2140, 22.5725,
40.1543


 113.5150, 22.9171,
69.7083


 226.2370, 14.1802,
25.2252

 83.0960, 25.0957,
70.9528

 243.8470, 5.4984,
9.7812

 52.9760, 27.1268,
72.8120

 41.8680, 20.7711,
57.9978

 30.7600, 14.4153,
43.1835

 21.0760, 8.3435,

30.6283

■ 8.5870, 3.1616,
12.6402

■ 0.0000, 0.0000,
0.0000

■ 170.8850, 21.7487,
71.1379

■ 170.8850, 21.7487,
71.1379

■ 155.4120, 25.9259,
84.7077

■ 186.3580, 17.5715,
57.5680

■ 139.9390, 30.1031,
98.2775

■ 201.8310, 13.3943,
43.9982

■ 123.8790, 34.5697,
112.3621

■ 217.8910, 8.9277,
29.9136

■ 108.4060, 38.7468,
125.9319

■ 233.3640, 4.7505,
16.3438

95.9820, 41.9139,
136.8278

248.9510, 1.0102,
2.6740

254.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



171.5820, 41.1251, 16.1526



170.8850, 21.7487, 71.1379



159.0720, -2.0075, 84.1289

Triad

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



170.8850, 21.7487, 71.1379



158.9810, -61.6156, 22.8187



141.8250, 48.4003, -124.3805

Complementary

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



170.8850, 21.7487, 71.1379



202.1150, -21.7487, -71.1379

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.



136.3870, 22.4872, -119.6114



170.8850, 21.7487, 71.1379



152.2980, -42.5449, -27.4483

Square

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



170.8850, 21.7487, 71.1379



163.7700, -54.6096, 62.4687



127.5580, -3.7261, -111.8684



138.8390, 57.2674, -121.7618

Rectangle

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



170.8850, 21.7487, 71.1379



158.8490, -20.6316, 84.3244



127.5580, -3.7261, -111.8684



140.3600, 40.2485, -123.0957

Sweetspot

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



170.8850, 21.7487, 71.1379



229.5650, 6.6235, 22.3065



146.3990, 52.0613, 8.4201



112.5270, 4.1772, 13.5698



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.



170.8850, 21.7487, 71.1379



157.1240, 26.0679, 85.8373



163.7030, -5.7696, 77.4365



116.9130, 2.0149, 7.0923



71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Inverse Universe

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



170.8850, 21.7487, 71.1379



157.1240, 26.0679, 85.8373



209.2970, 5.7696, -77.4365



116.9130, 2.0149, 7.0923



71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 170.8850, 21.7487, 71.1379 looks on a white background.

Color Contrast Check

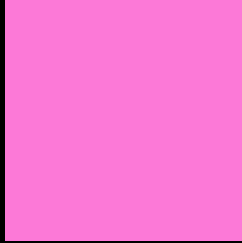
Large Text (above 18pt) WCAG AA × Fail

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 170.8850, 21.7487, 71.1379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

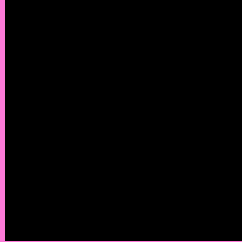
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8850, 21.7487, 71.1379

Background



This preview shows how black text looks on a background with the YUV color 170.8850, 21.7487, 71.1379.



This preview shows how white text looks on a background with the YUV color 170.8850, 21.7487, 71.1379.

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

170.8850, 21.7487, 71.1379

Protanopia

167.9870, 39.9394, -23.6676

Deuteranopia

169.9020, 18.7823, -4.2991



Tritanopia

169.7310, -11.6994, 66.0109

Trichromacy



Original Color

170.8850, 21.7487, 71.1379



Protanomaly

169.1870, 33.4318, 10.3600



Deuteranomaly

170.4200, 20.0059, 23.3107



Tritanomaly

170.5430, 0.2253, 67.9298

Monochromacy



Original Color

170.8850, 21.7487, 71.1379



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.9290, 7.9230, 25.4953

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8850, 21.7487, 71.1379 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(252, 121, 215)` looks like.

```
.text, #text, p{  
    color:rgb(252, 121, 215)  
}
```

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(252, 121, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 121, 215) }
```

Border

The CSS property to change the border of an element to YUV 170.8850, 21.7487, 71.1379 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(252, 121, 215) }
```


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

```
.border{ border-color:rgb(252, 121, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 121, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 121, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 121, 215);  
box-shadow:4px 4px 4px 4px rgb(252, 121,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 170.8850, 21.7487, 71.1379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 121, 215) }
```

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

```
.background{ background-color: rgb(252,  
121, 215) }
```

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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