

Converting Colors

YUV(168.8410, 5.0084, 73.8074)

Have a look what the booklet for
YUV(168.8410, 5.0084, 73.8074)
contains.

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Color

**YUV(168.8410, 5.0084,
73.8074)**

Conversions

Conversions Part 1

Format	Color
Hex	FD7CB3
RGB	253, 124, 179
RGB Percent	99%, 49%, 70%
CMY	0.0078, 0.5137, 0.2980
CMYK	0.00, 0.51, 0.29, 0.01
HSL	334°, 97%, 74%
HSV	334°, 51%, 99%
XYZ	55.8523, 38.5526, 47.1455
YIQ	168.8410, 59.2290, 44.4530

Conversions

Conversions Part 2

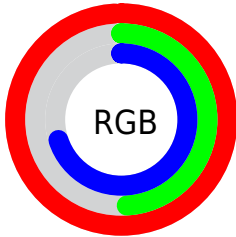
Format	Color
RYB	253, 124, 179
Decimal	16612531
CIELab	68.43, 54.89, -5.74
CIELCh	68, 55.193, 354.026
Yxy	38.5526, 0.3946, 0.2724
Android (android.graphics.Color)	4294802611 (0xFFFD7CB3)
YUV	168.8410, 5.0084, 73.8074
Hunter-Lab	62.0908, 51.9068, -1.5553

Details

The YUV color **168.8410, 5.0084, 73.8074** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **208.1590, -5.0084, -73.8074**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.6950, 12.9684, 40.6095**, and **112.5740, 6.6190, 70.5336** is the 20% darker color. If you saturate the color by 10%, you get **152.4560, 5.6912, 88.1771**, and if you desaturate by 10%, it is **185.2260, 4.3256, 59.4378**.

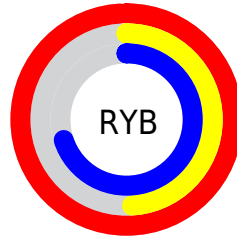
Distribution



Red (99%)

Green (49%)

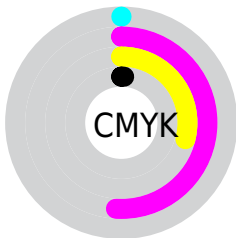
Blue (70%)



Red (99%)

Yellow (49%)

Blue (70%)

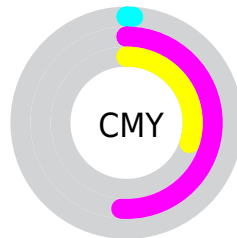


Cyan (0%)

Magenta (51%)

Yellow (29%)

Black (1%)



Cyan (1%)


Magenta (51%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.8410, 5.0084, 73.8074 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 168.8410, 5.0084, 73.8074 by changing the saturation by 10% instead.

 168.8410, 5.0084,
73.8074


 168.8410, 5.0084,
73.8074

255.0000, 0.0000,
0.0000


 140.9440, 5.4506,
71.9631


 208.6950, 12.9684,
40.6095


 112.5740, 6.6190,
70.5336


 227.9980, 13.3120,
23.6808

 83.4430, 8.6556,
70.6485

 245.0210, 4.9196,
8.7516

 49.4420, 13.5861,
75.9114

 38.2630, 8.2513,
60.2823

 27.7960, 3.0586,
45.7829

 17.5850, -3.7394,

32.8130

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 168.8410, 5.0084,
73.8074

■ 168.8410, 5.0084,
73.8074

■ 152.4560, 5.6912,
88.1771

■ 185.2260, 4.3256,
59.4378

■ 135.5980, 7.1002,
102.9616

■ 202.0840, 2.9166,
44.6533

■ 119.2130, 7.7830,
117.3312

■ 218.4690, 2.2338,
30.2837

■ 102.9420, 8.9026,
131.6009

■ 234.7400, 1.1142,
16.0140

■ 87.9590, 9.8802,
144.7410

■ 251.7120, 0.1420,
1.1296

■ 254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



172.2510, 26.4983, 40.9989



168.8410, 5.0084, 73.8074



164.9130, -17.7051, 79.0063

Triad

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



168.8410, 5.0084, 73.8074



157.7510, -42.7682, -2.4126



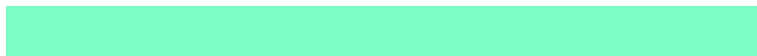
137.3400, 54.0624, -120.4472

Complementary

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



168.8410, 5.0084, 73.8074



208.1590, -5.0084, -73.8074

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.



135.6010, 34.7067, -118.9221



168.8410, 5.0084, 73.8074



149.3720, -21.3824, -48.5612

Square

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



168.8410, 5.0084, 73.8074



162.6850, -49.1447, 36.2333



129.7870, 12.4300, -113.8232



131.7950, 60.7401, -115.5842

Rectangle

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



168.8410, 5.0084, 73.8074



165.6830, -32.3817, 73.0690



129.7870, 12.4300, -113.8232



137.7330, 47.9526, -120.7918

Sweetspot

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



168.8410, 5.0084, 73.8074



230.1860, 1.3873, 21.7619



160.5330, 45.5862, 31.9816



112.9030, 0.5408, 13.2401



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.



168.8410, 5.0084, 73.8074



153.2820, 6.2700, 89.2067



167.8540, -21.6200, 74.6730



119.4570, 0.2677, 7.4922



66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Inverse Universe

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



168.8410, 5.0084, 73.8074



153.2820, 6.2700, 89.2067



209.1460, 21.6200, -74.6730



119.4570, 0.2677, 7.4922



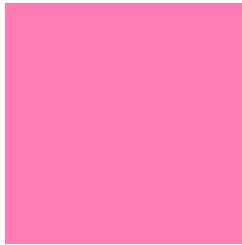
66.4570, 7.6627, 109.2242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 168.8410, 5.0084, 73.8074 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 168.8410, 5.0084, 73.8074 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 168.8410, 5.0084, 73.8074

Background



This preview shows how black text looks on a background with the YUV color 168.8410, 5.0084, 73.8074.



This preview shows how white text looks on a background with the YUV color 168.8410, 5.0084,

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

168.8410, 5.0084, 73.8074

Protanopia

168.1680, 18.6512, -8.9173

Deuteranopia

168.9350, 2.0040, 10.5810



Tritanopia

167.7210, -13.1735, 72.1587

Trichromacy



Original Color

168.8410, 5.0084, 73.8074



Protanomaly

168.6880, 13.4648, 21.3216



Deuteranomaly

168.7190, 3.0965, 33.5724



Tritanomaly

167.8550, -6.3375, 72.9182

Monochromacy



Original Color

168.8410, 5.0084, 73.8074



Achromatopsia

169.0000, 0.0000, 0.0000



Achromatomaly

169.3330, 1.8078, 26.8950

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.8410, 5.0084, 73.8074 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(253, 124, 179)` looks like.

```
.text, #text, p{  
    color:rgb(253, 124, 179)  
}
```

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(253, 124, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 124, 179) }
```

Border

The CSS property to change the border of an element to YUV 168.8410, 5.0084, 73.8074 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(253, 124, 179) }
```


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

```
.border{ border-color:rgb(253, 124, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 124, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 124, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 124, 179);  
box-shadow:4px 4px 4px 4px rgb(253, 124,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 168.8410, 5.0084, 73.8074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 124, 179) }
```

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

```
.background{ background-color: rgb(253,  
124, 179) }
```

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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