

Converting Colors

YUV(163.8770, 13.8646,
79.9149)

Have a look what the booklet for
YUV(163.8770, 13.8646, 79.9149)
contains.

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Color

**YUV(163.8770, 13.8646,
79.9149)**

Conversions

Conversions Part 1

Format	Color
Hex	FF70C0
RGB	255, 112, 192
RGB Percent	100%, 44%, 75%
CMY	0.0000, 0.5608, 0.2471
CMYK	0.00, 0.56, 0.25, 0.00
HSL	326°, 100%, 72%
HSV	326°, 56%, 100%
XYZ	56.5486, 36.6541, 53.9637
YIQ	163.8770, 59.5480, 55.1960

Conversions

Conversions Part 2

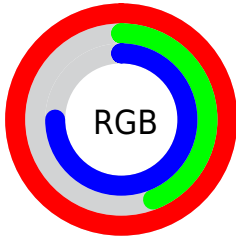
Format	Color
R _Y B	255, 112, 192
Decimal	16740544
CIE Lab	67.02, 62.70, -15.14
CIE LCh	67, 64.503, 346.423
Yxy	36.6541, 0.3842, 0.2491
Android (android.graphics.Color)	4294930624 (0xFFFF70C0)
YUV	163.8770, 13.8646, 79.9149
Hunter-Lab	60.5426, 60.7746, -10.4673

Details

The YUV color **163.8770, 13.8646, 79.9149** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **203.1230, -13.8646, -79.9149**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.7200, 21.8300, 44.9726**, and **105.1480, 16.1960, 78.8002** is the 20% darker color. If you saturate the color by 10%, you get **147.9480, 16.2946, 93.8846**, and if you desaturate by 10%, it is **180.3930, 11.1453, 65.4303**.

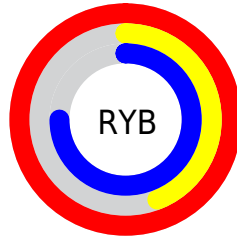
Distribution



Red (100%)

Green (44%)

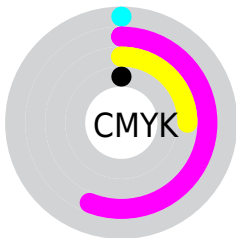
Blue (75%)



Red (100%)

Yellow (44%)

Blue (75%)

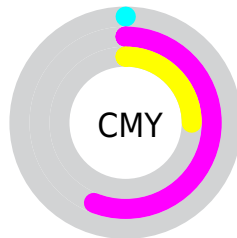


Cyan (0%)

Magenta (56%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (56%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 163.8770, 13.8646, 79.9149 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 163.8770, 13.8646, 79.9149 by changing the saturation by 10% instead.


 163.8770, 13.8646,
79.9149


 163.8770, 13.8646,
79.9149


255.0000, 0.0000,
0.0000

 134.8060, 14.8856,
79.1001


 203.7200, 21.8300,
44.9726


 105.1480, 16.1960,
78.8002


 221.5410, 16.4953,
29.3435

 70.1470, 21.1265,
84.0631

 238.5640, 8.1029,
14.4144

 50.9950, 18.2435,
75.4264

 40.0010, 12.3245,
60.5121

 29.1210, 6.8423,
45.4979

 18.9530, 1.5022,

31.6132

■ 4.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 163.8770, 13.8646,
79.9149

■ 163.8770, 13.8646,
79.9149

■ 147.9480, 16.2946,
93.8846

■ 180.3930, 11.1453,
65.4303

■ 131.4320, 19.0140,
108.3691

■ 196.3220, 8.7153,
51.4606

■ 114.8020, 21.2966,
122.9536

■ 212.9520, 6.4327,
36.8761

■ 98.8730, 23.7266,
136.9234

■ 228.8810, 4.0027,
22.9064

■ 92.5470, 24.8733,
142.4713

■ 245.3970, 1.2833,
8.4218

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



168.0680, 37.4345, 33.2664



163.8770, 13.8646, 79.9149



155.5040, -10.6015, 87.2580

Triad

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



163.8770, 13.8646, 79.9149



152.8590, -56.6255, 8.8937



137.8130, 53.3362, -120.8620

Complementary

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



163.8770, 13.8646, 79.9149



203.1230, -13.8646, -79.9149

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.



134.2330, 29.4651, -117.7223



163.8770, 13.8646, 79.9149



144.7180, -32.8920, -43.6027

Square

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



163.8770, 13.8646, 79.9149



157.5960, -57.4818, 50.3433



126.2190, 3.8360, -110.6941



132.9690, 60.1613, -116.6138

Rectangle

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



163.8770, 13.8646, 79.9149



157.7430, -29.9463, 85.2944



126.2190, 3.8360, -110.6941



137.2770, 46.2054, -120.3919

Sweetspot

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



163.8770, 13.8646, 79.9149



227.5930, 4.1447, 24.0359



146.8400, 53.3229, 23.8193



111.3700, 2.2826, 14.5845



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.



163.8770, 13.8646, 79.9149



146.0730, 16.7260, 95.5290



155.8970, -16.7112, 86.9133



119.6850, 1.1413, 7.2923



69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Inverse Universe

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



163.8770, 13.8646, 79.9149



146.0730, 16.7260, 95.5290



211.1030, 16.7112, -86.9133



119.6850, 1.1413, 7.2923



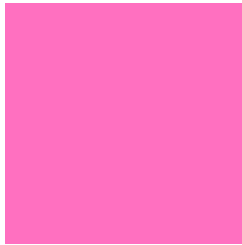
69.3070, 18.5826, 106.7248



23.2400, 6.2907, 35.7465

Previews

White Background



This preview shows how the YUV color 163.8770, 13.8646, 79.9149 looks on a white background.

Color Contrast Check

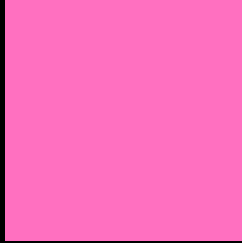
Large Text (above 18pt) WCAG AA × Fail

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 163.8770, 13.8646, 79.9149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

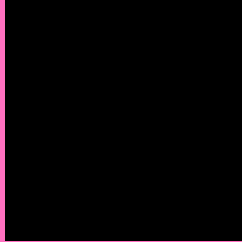
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.8770, 13.8646, 79.9149

Background



This preview shows how black text looks on a background with the YUV color 163.8770, 13.8646, 79.9149.



This preview shows how white text looks on a background with the YUV color 163.8770, 13.8646, 79.9149.

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

163.8770, 13.8646, 79.9149

Protanopia

163.4410, 31.3346, -17.0498

Deuteranopia

164.8400, 9.4459, 3.6483



Tritanopia

163.4010, -14.4947, 75.9473

Trichromacy



Original Color

163.8770, 13.8646, 79.9149



Protanomaly

163.3530, 24.9690, 18.1074



Deuteranomaly

164.4720, 11.1063, 31.1581



Tritanomaly

163.4580, -4.1698, 77.6513

Monochromacy



Original Color

163.8770, 13.8646, 79.9149



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

163.8540, 5.0020, 29.0690

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8770, 13.8646, 79.9149 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(255, 112, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 112, 192)  
}
```

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(255, 112, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 112, 192) }
```

Border

The CSS property to change the border of an element to YUV 163.8770, 13.8646, 79.9149 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(255, 112, 192) }
```


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

```
.border{ border-color:rgb(255, 112, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 112, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 112, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 112, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 112,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 163.8770, 13.8646, 79.9149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 112, 192) }
```

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

```
.background{ background-color: rgb(255,  
112, 192) }
```

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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