

Converting Colors

YUV(159.8660, 13.8701,
78.1705)

Have a look what the booklet for
YUV(159.8660, 13.8701, 78.1705)
contains.

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Color

**YUV(159.8660, 13.8701,
78.1705)**

Conversions

Conversions Part 1

Format	Color
Hex	F96DBC
RGB	249, 109, 188
RGB Percent	98%, 43%, 74%
CMY	0.0235, 0.5725, 0.2627
CMYK	0.00, 0.56, 0.24, 0.02
HSL	326°, 92%, 70%
HSV	326°, 56%, 98%
XYZ	53.6127, 34.7079, 51.4505
YIQ	159.8660, 58.0810, 54.2490

Conversions

Conversions Part 2

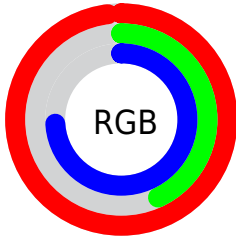
Format	Color
R _Y B	249, 109, 188
Decimal	16346556
CIE Lab	65.52, 61.74, -15.23
CIE LCh	66, 63.591, 346.147
Yxy	34.7079, 0.3836, 0.2483
Android (android.graphics.Color)	4294536636 (0xFFFF96DBC)
YUV	159.8660, 13.8701, 78.1705
Hunter-Lab	58.9134, 59.3411, -10.5401

Details

The YUV color **159.8660, 13.8701, 78.1705** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **198.1340, -13.8701, -78.1705**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5030, 20.9510, 46.9169**, and **101.2510, 16.6383, 76.9559** is the 20% darker color. If you saturate the color by 10%, you get **143.9370, 16.3001, 92.1403**, and if you desaturate by 10%, it is **175.7950, 11.4401, 64.2008**.

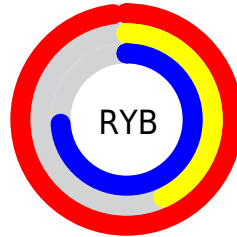
Distribution



Red (98%)

Green (43%)

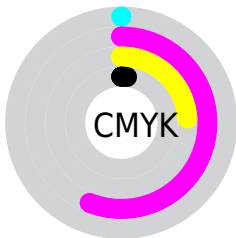
Blue (74%)



Red (98%)

Yellow (43%)

Blue (74%)

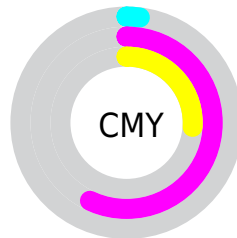


Cyan (0%)

Magenta (56%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (57%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 159.8660, 13.8701, 78.1705 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 159.8660, 13.8701, 78.1705 by changing the saturation by 10% instead.


 159.8660, 13.8701,
78.1705


 159.8660, 13.8701,
78.1705


255.0000, 0.0000,
0.0000

 131.3820, 14.6017,
76.8410


 201.5030, 20.9510,
46.9169

 101.2510, 16.6383,
76.9559


 219.1930, 17.6529,
31.4027


 64.9620, 21.7107,
83.3483

 236.8030, 8.9711,
15.9588

 48.8590, 17.8175,
72.0377

253.8260, 0.5788,
1.0296

 37.8650, 11.8986,
57.1234

 27.2840, 6.2690,
42.7239

 17.0020, 0.4920,

28.9392

■ 0.0000, 0.0000,
0.0000

■ 159.8660, 13.8701,
78.1705

■ 159.8660, 13.8701,
78.1705

■ 143.9370, 16.3001,
92.1403

■ 175.7950, 11.4401,
64.2008

■ 128.0080, 18.7301,
106.1100

■ 191.7240, 9.0101,
50.2311

■ 112.0790, 21.1601,
120.0797

■ 207.6530, 6.5801,
36.2613

■ 96.2640, 24.0268,
133.9495

■ 223.4680, 3.7133,
22.3916

■ 90.5250, 24.8842,
138.9826

■ 238.8100, 1.5727,
8.9366

252.9780, 0.0108,
-3.4887

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.



163.6550, 37.1451, 32.7516



159.8660, 13.8701, 78.1705



153.4010, -11.0437, 89.1023

Triad

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



159.8660, 13.8701, 78.1705



148.9730, -56.1887, 8.7937



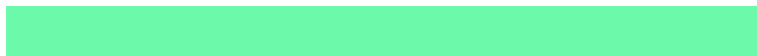
134.7810, 51.8730, -118.2029

Complementary

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



159.8660, 13.8701, 78.1705



198.1340, -13.8701, -78.1705

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.



130.7280, 28.7281, -114.6485



159.8660, 13.8701, 78.1705



140.5440, -32.3132, -42.5731

Square

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



159.8660, 13.8701, 78.1705



153.5250, -56.4608, 49.5286



123.4150, 3.2464, -108.2350



130.6210, 61.3188, -114.5546

Rectangle

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



159.8660, 13.8701, 78.1705



155.1670, -29.6623, 87.5535



123.4150, 3.2464, -108.2350



134.2450, 44.7422, -117.7329

Sweetspot

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



159.8660, 13.8701, 78.1705



227.5930, 4.1447, 24.0359



143.1990, 52.1599, 23.5045



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.



159.8660, 13.8701, 78.1705



146.1870, 17.1628, 95.4290



151.8860, -16.7058, 85.1690



116.7990, 1.5781, 7.1923



68.5950, 18.4407, 105.5952



22.2290, 6.2961, 34.0022

Inverse Universe

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



159.8660, 13.8701, 78.1705



146.1870, 17.1628, 95.4290



206.1140, 16.7058, -85.1690



116.7990, 1.5781, 7.1923



68.5950, 18.4407, 105.5952



22.2290, 6.2961, 34.0022

Previews

White Background



This preview shows how the YUV color 159.8660, 13.8701, 78.1705 looks on a white background.

Color Contrast Check

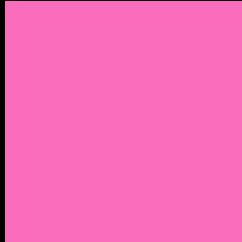
Large Text (above 18pt) WCAG AA × Fail

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 159.8660, 13.8701, 78.1705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

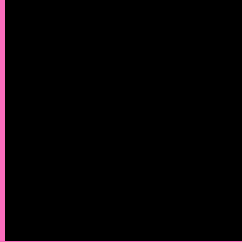
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.8660, 13.8701, 78.1705

Background



This preview shows how black text looks on a background with the YUV color 159.8660, 13.8701, 78.1705.



This preview shows how white text looks on a background with the YUV color 159.8660, 13.8701,

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

159.8660, 13.8701, 78.1705

Protanopia

159.3270, 30.8978, -16.9498

Deuteranopia

160.9540, 9.8827, 3.5483



Tritanopia

159.3900, -14.4893, 74.2030

Trichromacy



Original Color

159.8660, 13.8701, 78.1705



Protanomaly

159.9400, 24.6796, 17.5926



Deuteranomaly

160.5860, 11.5431, 31.0581



Tritanomaly

159.4470, -4.1644, 75.9070

Monochromacy



Original Color

159.8660, 13.8701, 78.1705



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.5550, 5.1494, 28.4543

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.8660, 13.8701, 78.1705 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, 109, 188)` looks like.

```
.text, #text, p{  
    color:rgb(249, 109, 188)  
}
```

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, 109, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 109, 188) }
```

Border

The CSS property to change the border of an element to YUV 159.8660, 13.8701, 78.1705 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, 109, 188) }
```


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

```
.border{ border-color:rgb(249, 109, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 109, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 109, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 109, 188);  
box-shadow:4px 4px 4px 4px rgb(249, 109,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 159.8660, 13.8701, 78.1705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 109, 188) }
```

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

```
.background{ background-color: rgb(249,  
109, 188) }
```

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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