

Converting Colors

YUV(149.9440, 8.9016, 85.1181)

Have a look what the booklet for
YUV(149.9440, 8.9016, 85.1181)
contains.

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Color

**YUV(149.9440, 8.9016,
85.1181)**

Conversions

Conversions Part 1

Format	Color
Hex	F761A8
RGB	247, 97, 168
RGB Percent	97%, 38%, 66%
CMY	0.0314, 0.6196, 0.3412
CMYK	0.00, 0.61, 0.32, 0.03
HSL	332°, 90%, 67%
HSV	332°, 61%, 97%
XYZ	49.7003, 31.1507, 40.4390
YIQ	149.9440, 66.6090, 53.8810

Conversions

Conversions Part 2

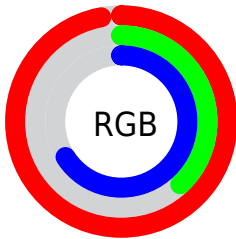
Format	Color
R_{YB}	247, 97, 168
Decimal	16212392
CIE _{Lab}	62.63, 63.88, -8.18
CIE _{LCh}	63, 64.399, 352.698
Yxy	31.1507, 0.4098, 0.2568
Android (android.graphics.Color)	4294402472 (0xFFFF761A8)
YUV	149.9440, 8.9016, 85.1181
Hunter-Lab	55.8128, 61.2788, -3.8894

Details

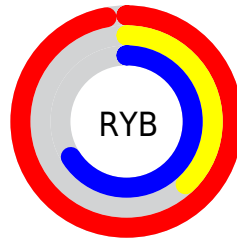
The YUV color **149.9440, 8.9016, 85.1181** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **194.0560, -8.9016, -85.1181**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0650, 15.2510, 55.1940**, and **89.0950, 13.2642, 85.8627** is the 20% darker color. If you saturate the color by 10%, you get **133.7870, 10.4580, 99.2878**, and if you desaturate by 10%, it is **166.1010, 7.3452, 70.9484**.

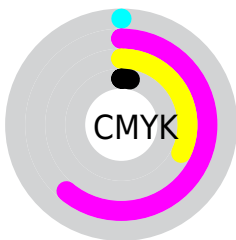
Distribution



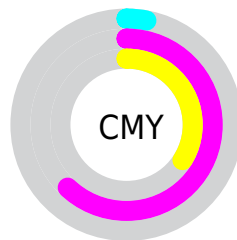
- Red (97%)
- Green (38%)
- Blue (66%)



- Red (97%)
- Yellow (38%)
- Blue (66%)



- Cyan (0%)
- Magenta (61%)
- Yellow (32%)
- Black (3%)




- Cyan (3%)
- Magenta (62%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.9440, 8.9016, 85.1181 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 149.9440, 8.9016, 85.1181 by changing the saturation by 10% instead.


 149.9440, 8.9016,
85.1181


 149.9440, 8.9016,
85.1181


255.0000, 0.0000,
0.0000


 120.9870, 10.3594,
84.2034


 192.0650, 15.2510,
55.1940

 89.0950, 13.2642,
85.8627

 212.3940, 19.5258,
37.3655

 57.3170, 16.6057,
87.4220

 229.7590, 12.4438,
22.1364

 46.0240, 10.8342,
71.8930

 247.3690, 3.7621,
6.6924

 34.8450, 5.4994,
56.2639

 24.4920, 0.7434,
41.6645

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 149.9440, 8.9016,
85.1181

■ 149.9440, 8.9016,
85.1181

■ 133.7870, 10.4580,
99.2878

■ 166.1010, 7.3452,
70.9484

■ 118.2170, 11.7250,
112.9427

■ 181.6710, 6.0782,
57.2935

■ 102.0600, 13.2814,
127.1124

■ 197.8280, 4.5218,
43.1238

■ 87.1910, 14.6958,
140.1525

■ 213.9850, 2.9654,
28.9542

■ 229.5550, 1.6984,
15.2993

■ 245.7120, 0.1420,
1.1296

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



155.8800, 32.5972, 44.8322



149.9440, 8.9016, 85.1181



147.0010, -17.7485, 92.9611

Triad

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



149.9440, 8.9016, 85.1181



139.1890, -53.8302, -1.0428



129.7260, 55.3511, -113.7697

Complementary

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



149.9440, 8.9016, 85.1181



194.0560, -8.9016, -85.1181

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.



126.6020, 33.2272, -111.0300



149.9440, 8.9016, 85.1181



128.0950, -24.6968, -58.8423

Square

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



149.9440, 8.9016, 85.1181



144.2160, -61.2385, 41.9066



119.8760, 7.4561, -105.1313



124.1640, 64.5021, -108.8918

Rectangle

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



149.9440, 8.9016, 85.1181



147.3530, -35.1770, 83.0054



119.8760, 7.4561, -105.1313



129.3040, 48.6571, -113.3996

Sweetspot

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



149.9440, 8.9016, 85.1181



225.2620, 2.8288, 26.0802



137.1230, 54.1694, 32.3411



109.2670, 1.8404, 16.4288



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.



149.9440, 8.9016, 85.1181



134.6460, 11.0205, 105.5505



143.0240, -22.6898, 91.1870



114.2720, 0.8519, 6.7775



65.6460, 11.0205, 105.5505



20.8330, 3.5333, 33.4725

Inverse Universe

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



149.9440, 8.9016, 85.1181



134.6460, 11.0205, 105.5505



200.9760, 22.6898, -91.1870



114.2720, 0.8519, 6.7775



65.6460, 11.0205, 105.5505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 149.9440, 8.9016, 85.1181 looks on a white background.

Color Contrast Check

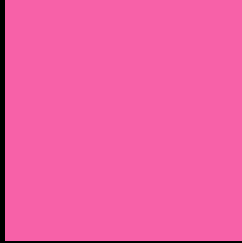
Large Text (above 18pt) WCAG AA × Fail

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 149.9440, 8.9016, 85.1181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

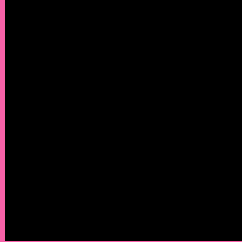
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.9440, 8.9016, 85.1181

Background



This preview shows how black text looks on a background with the YUV color 149.9440, 8.9016, 85.1181.



This preview shows how white text looks on a background with the YUV color 149.9440, 8.9016,

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

149.9440, 8.9016, 85.1181

Protanopia

152.1550, 25.0666, -13.2909

Deuteranopia

153.2660, 3.3199, 8.5367



Tritanopia

149.8640, -16.6950, 81.6803

Trichromacy



Original Color

149.9440, 8.9016, 85.1181



Protanomaly

151.4800, 18.9904, 22.3810



Deuteranomaly

152.3110, 5.2697, 36.5613



Tritanomaly

149.9810, -7.3856, 82.4547

Monochromacy



Original Color

149.9440, 8.9016, 85.1181



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.1100, 3.3968, 30.5985

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.9440, 8.9016, 85.1181 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(247, 97, 168)` looks like.

```
.text, #text, p{  
    color:rgb(247, 97, 168)  
}
```

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(247, 97, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 97, 168) }
```

Border

The CSS property to change the border of an element to YUV 149.9440, 8.9016, 85.1181 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(247, 97, 168) }
```


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

```
.border{ border-color:rgb(247, 97, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 97, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 97, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 97, 168);  
box-shadow:4px 4px 4px 4px rgb(247, 97,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 149.9440, 8.9016, 85.1181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 97, 168) }
```

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

```
.background{ background-color: rgb(247, 97,  
168) }
```

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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