

Converting Colors

YUV(146.8720, 14.8531,
89.5663)

Have a look what the booklet for
YUV(146.8720, 14.8531, 89.5663)
contains.

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Color

**YUV(146.8720, 14.8531,
89.5663)**

Conversions

Conversions Part 1

Format	Color
Hex	F959B1
RGB	249, 89, 177
RGB Percent	98%, 35%, 69%
CMY	0.0235, 0.6510, 0.3059
CMYK	0.00, 0.64, 0.29, 0.02
HSL	327°, 93%, 66%
HSV	327°, 64%, 98%
XYZ	50.5751, 30.4588, 44.8085
YIQ	146.8720, 67.1120, 61.2880

Conversions

Conversions Part 2

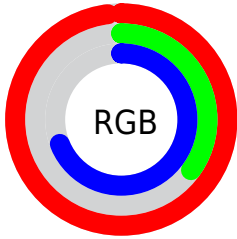
Format	Color
R_{YB}	249, 89, 177
Decimal	16341425
CIE _{Lab}	62.05, 68.75, -14.20
CIE _{LCh}	62, 70.205, 348.332
Yxy	30.4588, 0.4019, 0.2420
Android (android.graphics.Color)	4294531505 (0xFFFF959B1)
YUV	146.8720, 14.8531, 89.5663
Hunter-Lab	55.1895, 66.9940, -9.5051

Details

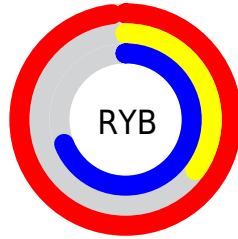
The YUV color **146.8720, 14.8531, 89.5663** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **191.1280, -14.8531, -89.5663**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0960, 21.6447, 57.7978**, and **78.5660, 22.3990, 95.9736** is the 20% darker color. If you saturate the color by 10%, you get **130.9430, 17.2831, 103.5360**, and if you desaturate by 10%, it is **162.8010, 12.4231, 75.5965**.

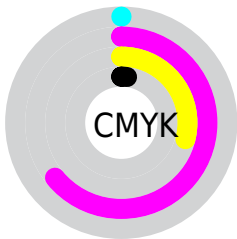
Distribution



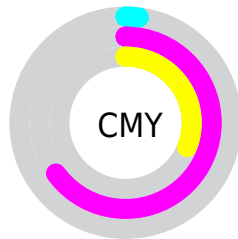
- Red (98%)
- Green (35%)
- Blue (69%)



- Red (98%)
- Yellow (35%)
- Blue (69%)



- Cyan (0%)
- Magenta (64%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.8720, 14.8531, 89.5663 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 146.8720, 14.8531, 89.5663 by changing the saturation by 10% instead.

 146.8720, 14.8531,
89.5663


 146.8720, 14.8531,
89.5663


255.0000, 0.0000,
0.0000


 116.6270, 16.4529,
89.7811


 189.0960, 21.6447,
57.7978

 78.5660, 22.3990,
95.9736


 208.6270, 22.8619,
40.6691

 58.8270, 19.8053,
87.8517

 226.2370, 14.1802,
25.2252

 47.4200, 13.5969,
72.4227

 243.2600, 5.7878,
10.2960

 36.2410, 8.2622,
56.7936

 25.7740, 3.0694,
42.2942

 14.0960, -5.4703,

27.9798

■ 0.0000, 0.0000,
0.0000

■ 146.8720, 14.8531,
89.5663

■ 146.8720, 14.8531,
89.5663

■ 130.9430, 17.2831,
103.5360

■ 162.8010, 12.4231,
75.5965

■ 115.0140, 19.7131,
117.5057

■ 178.7300, 9.9931,
61.6268

■ 98.9710, 21.7063,
131.5754


■ 194.7730, 7.9999,
47.5571

■ 90.0690, 23.1370,
139.3825

■ 210.7020, 5.5699,
33.5873

■ 226.6310, 3.1399,
19.6176

 241.9730, 0.9993,
6.1627

 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.



153.9810, 39.4494, 40.3587



146.8720, 14.8531, 89.5663



141.0110, -12.8234, 99.9684

Triad

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



146.8720, 14.8531, 89.5663



136.0900, -67.0924, 6.0601



130.3130, 55.0617, -114.2845

Complementary

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



146.8720, 14.8531, 89.5663



191.1280, -14.8531, -89.5663

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.



126.3910, 29.8802, -110.8449



146.8720, 14.8531, 89.5663



126.0540, -32.5646, -55.2984

Square

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



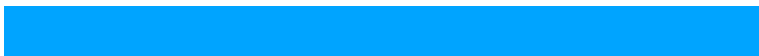
146.8720, 14.8531, 89.5663



140.8060, -69.4174, 51.9131



117.9210, 2.5039, -103.4167



125.3380, 63.9234, -109.9214

Rectangle

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



146.8720, 14.8531, 89.5663



143.2880, -33.1730, 93.5864



117.9210, 2.5039, -103.4167



129.6630, 47.4941, -113.7145

Sweetspot

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



146.8720, 14.8531, 89.5663



224.3160, 4.2812, 26.9099



128.7680, 59.2744, 28.2675



108.7940, 2.5666, 16.8437



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.



146.8720, 14.8531, 89.5663



129.9160, 18.2824, 109.6987



137.7520, -20.0907, 97.5645



116.6850, 1.1413, 7.2923



68.3670, 17.5671, 105.7951



22.1150, 5.8593, 34.1021

Inverse Universe

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



146.8720, 14.8531, 89.5663



129.9160, 18.2824, 109.6987



200.2480, 20.0907, -97.5645



116.6850, 1.1413, 7.2923



68.3670, 17.5671, 105.7951



22.1150, 5.8593, 34.1021

Previews

White Background



This preview shows how the YUV color 146.8720, 14.8531, 89.5663 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 146.8720, 14.8531, 89.5663 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 146.8720, 14.8531, 89.5663

Background



This preview shows how black text looks on a background with the YUV color 146.8720, 14.8531, 89.5663.



This preview shows how white text looks on a background with the YUV color 146.8720, 14.8531, 89.5663.

89.5663.

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

146.8720, 14.8531, 89.5663

Protanopia

149.8150, 34.1082, -20.0088

Deuteranopia

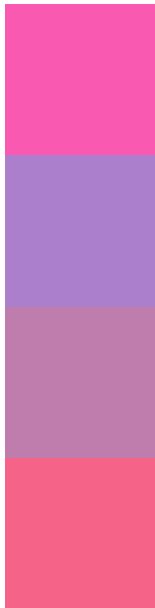
151.6120, 8.5723, 3.8483



Tritanopia

147.3590, -17.4320, 84.7542

Trichromacy



Original Color

146.8720, 14.8531, 89.5663

Protanomaly

148.9340, 27.1475, 19.3519

Deuteranomaly

149.7930, 10.9481, 35.2615

Tritanomaly

147.1710, -5.5073, 86.6730

Monochromacy



Original Color

146.8720, 14.8531, 89.5663

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9900, 5.4279, 32.4578

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8720, 14.8531, 89.5663 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, 89, 177)` looks like.

```
.text, #text, p{  
    color:rgb(249, 89, 177)  
}
```

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, 89, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 89, 177) }
```

Border

The CSS property to change the border of an element to YUV 146.8720, 14.8531, 89.5663 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, 89, 177) }
```


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

```
.border{ border-color:rgb(249, 89, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 89, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 89, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 89, 177);  
box-shadow:4px 4px 4px 4px rgb(249, 89,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 146.8720, 14.8531, 89.5663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 89, 177) }
```

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

```
.background{ background-color: rgb(249, 89,  
177) }
```

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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