

Converting Colors

YUV(146.5170, 19.9581,
85.4926)

Have a look what the booklet for
YUV(146.5170, 19.9581, 85.4926)
contains.

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Color

**YUV(146.5170, 19.9581,
85.4926)**

Conversions

Conversions Part 1

Format	Color
Hex	F459BB
RGB	244, 89, 187
RGB Percent	96%, 35%, 73%
CMY	0.0431, 0.6510, 0.2667
CMYK	0.00, 0.64, 0.23, 0.04
HSL	322°, 88%, 65%
HSV	322°, 64%, 96%
XYZ	49.8502, 29.9657, 50.1703
YIQ	146.5170, 60.9220, 63.3380

Conversions

Conversions Part 2

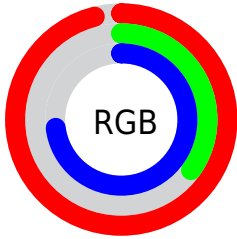
Format	Color
R_{YB}	244, 89, 187
Decimal	16013755
CIE _{Lab}	61.62, 68.64, -20.64
CIE _{LCh}	62, 71.671, 343.263
Yxy	29.9657, 0.3835, 0.2305
Android (android.graphics.Color)	4294203835 (0xFFFF459BB)
YUV	146.5170, 19.9581, 85.4926
Hunter-Lab	54.7409, 66.7557, -16.0208

Details

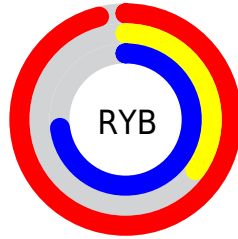
The YUV color **146.5170, 19.9581, 85.4926** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **186.4830, -19.9581, -85.4926**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2360, 26.0127, 56.7980**, and **79.6840, 26.7778, 91.4851** is the 20% darker color. If you saturate the color by 10%, you get **131.4030, 22.9723, 98.7476**, and if you desaturate by 10%, it is **161.6310, 16.9439, 72.2376**.

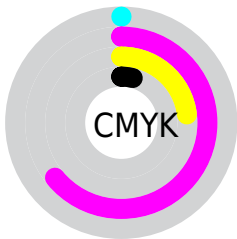
Distribution



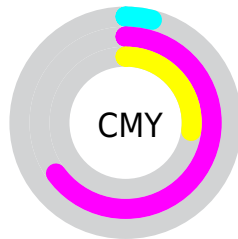
- Red (96%)
- Green (35%)
- Blue (73%)



- Red (96%)
- Yellow (35%)
- Blue (73%)



- Cyan (0%)
- Magenta (64%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (65%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.5170, 19.9581, 85.4926 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 146.5170, 19.9581, 85.4926 by changing the saturation by 10% instead.


 146.5170, 19.9581,
85.4926


 146.5170, 19.9581,
85.4926


255.0000, 0.0000,
0.0000


 116.2720, 21.5579,
85.7075


 190.2360, 26.0127,
56.7980

 79.6840, 26.7778,
91.4851


 208.6270, 22.8619,
40.6691

 58.6570, 24.3261,
84.4928

 225.6500, 14.4696,
25.7400

 47.2500, 18.1178,
69.0637

 243.2600, 5.7878,
10.2960

 35.8430, 11.9094,
53.6347

 25.6750, 6.5692,
39.7500

 14.3820, 0.7977,

24.2210

■ 0.0000, 0.0000,
0.0000

■ 146.5170, 19.9581,
85.4926

■ 146.5170, 19.9581,
85.4926

■ 131.4030, 22.9723,
98.7476

■ 161.6310, 16.9439,
72.2376

■ 115.7020, 26.2759,
112.5173

■ 177.3320, 13.6403,
58.4678

■ 100.5880, 29.2901,
125.7723

■ 192.4460, 10.6261,
45.2129

■ 90.5120, 31.2996,
134.6090

■ 208.1470, 7.3225,
31.4431

■ 223.2610, 4.3083,
18.1881

238.3750, 1.2941,
4.9331

251.1410, -0.5625,
-6.2627

251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



152.7670, 43.9919, 30.0223



146.5170, 19.9581, 85.4926



138.4010, -7.5927, 102.2573

Triad

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



146.5170, 19.9581, 85.4926



136.4330, -67.2615, 13.6523



129.5150, 52.0041, -113.5847

Complementary

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



146.5170, 19.9581, 85.4926



186.4830, -19.9581, -85.4926

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.



124.5500, 25.3649, -109.2303



146.5170, 19.9581, 85.4926



127.1820, -40.0227, -43.1326

Square

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



146.5170, 19.9581, 85.4926



139.9640, -69.0023, 58.7906



115.8520, -2.8850, -101.6022



126.5120, 63.3446, -110.9510

Rectangle

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



146.5170, 19.9581, 85.4926



141.1730, -28.6793, 98.9493



115.8520, -2.8850, -101.6022



128.6370, 43.5630, -112.8146

Sweetspot

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



146.5170, 19.9581, 85.4926



224.7720, 6.0284, 26.5100



123.7130, 59.3015, 19.5457



109.1360, 3.8770, 16.5437



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.



146.5170, 19.9581, 85.4926



133.0280, 25.1292, 106.9694



137.7390, -13.6753, 93.1909



114.5000, 1.7255, 6.5775



69.0660, 24.1245, 102.5511



21.8590, 7.4645, 32.5727

Inverse Universe

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



146.5170, 19.9581, 85.4926



133.0280, 25.1292, 106.9694



195.2610, 13.6753, -93.1909



114.5000, 1.7255, 6.5775



69.0660, 24.1245, 102.5511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 146.5170, 19.9581, 85.4926 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 146.5170, 19.9581, 85.4926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

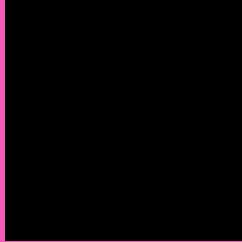
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.5170, 19.9581, 85.4926

Background



This preview shows how black text looks on a background with the YUV color 146.5170, 19.9581, 85.4926.



This preview shows how white text looks on a background with the YUV color 146.5170, 19.9581, 85.4926.

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

146.5170, 19.9581, 85.4926

Protanopia

148.0900, 40.3816, -25.5119

Deuteranopia

150.5450, 13.5353, -1.3550



Tritanopia

147.0810, -15.8159, 79.7360

Trichromacy



Original Color

146.5170, 19.9581, 85.4926



Protanomaly

147.3940, 32.8368, 14.5635



Deuteranomaly

149.0250, 15.7637, 30.6731



Tritanomaly

146.5340, -2.7283, 81.9697

Monochromacy



Original Color

146.5170, 19.9581, 85.4926



Achromatopsia

147.0000, 0.0000, 0.0000



Achromatomaly

146.8480, 7.4699, 30.8283

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.5170, 19.9581, 85.4926 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(244, 89, 187)` looks like.

```
.text, #text, p{  
    color:rgb(244, 89, 187)  
}
```

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(244, 89, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 89, 187) }
```

Border

The CSS property to change the border of an element to YUV 146.5170, 19.9581, 85.4926 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(244, 89, 187) }
```


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

```
.border{ border-color:rgb(244, 89, 187) }
```

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

Here you see how a box with a 4 pixel rgb(244, 89, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 89, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 89, 187);  
box-shadow:4px 4px 4px 4px rgb(244, 89,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 146.5170, 19.9581, 85.4926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 89, 187) }
```

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

```
.background{ background-color: rgb(244, 89,  
187) }
```

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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