

Converting Colors

YUV(151.9830, 6.4174, 88.5919)

Have a look what the booklet for
YUV(151.9830, 6.4174, 88.5919)
contains.

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Color

**YUV(151.9830, 6.4174,
88.5919)**

Conversions

Conversions Part 1

Format	Color
Hex	FD62A5
RGB	253, 98, 165
RGB Percent	99%, 38%, 65%
CMY	0.0078, 0.6157, 0.3529
CMYK	0.00, 0.61, 0.35, 0.01
HSL	334°, 97%, 69%
HSV	334°, 61%, 99%
XYZ	51.6672, 32.3346, 39.1154
YIQ	151.9830, 70.8730, 53.6970

Conversions

Conversions Part 2

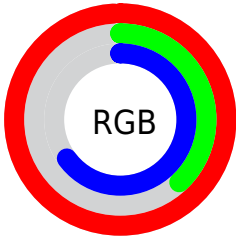
Format	Color
R _{YB}	253, 98, 165
Decimal	16605861
CIE Lab	63.62, 64.88, -4.90
CIE LCh	64, 65.066, 355.679
Yxy	32.3346, 0.4197, 0.2626
Android (android.graphics.Color)	4294795941 (0xFFFD62A5)
YUV	151.9830, 6.4174, 88.5919
Hunter-Lab	56.8635, 62.6771, -0.9800

Details

The YUV color **151.9830, 6.4174, 88.5919** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **199.0170, -6.4174, -88.5919**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3100, 13.6512, 54.9791**, and **90.2480, 11.2167, 89.2365** is the 20% darker color. If you saturate the color by 10%, you get **135.7120, 7.5370, 102.8616**, and if you desaturate by 10%, it is **168.2540, 5.2978, 74.3222**.

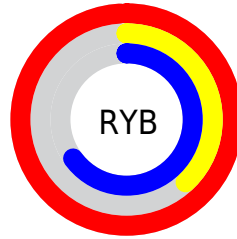
Distribution



Red (99%)

Green (38%)

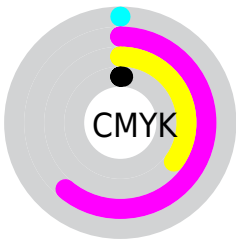
Blue (65%)



Red (99%)

Yellow (38%)

Blue (65%)

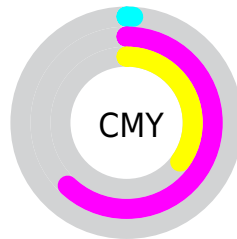


Cyan (0%)

Magenta (61%)

Yellow (35%)

Black (1%)



Cyan (1%)

Magenta (62%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.9830, 6.4174, 88.5919 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 151.9830, 6.4174, 88.5919 by changing the saturation by 10% instead.


 151.9830, 6.4174,
88.5919


 151.9830, 6.4174,
88.5919


255.0000, 0.0000,
0.0000


 122.1400, 8.3120,
87.5772


 192.3100, 13.6512,
54.9791


 90.2480, 11.2167,
89.2365


 212.5250, 17.4892,
37.2506


 58.5840, 14.9951,
90.6958

 230.9330, 11.8650,
21.1068

 47.2910, 9.2235,
75.1668

 247.9560, 3.4727,
6.1776

 36.1120, 3.8888,
59.5378

 25.3460, -1.1566,
44.4236

 14.5800, -6.2019,

29.3093

■ 0.0000, 0.0000,
0.0000

■ 151.9830, 6.4174,
88.5919

■ 151.9830, 6.4174,
88.5919

■ 135.7120, 7.5370,
102.8616

■ 168.2540, 5.2978,
74.3222

■ 118.7400, 8.5092,
117.7460

■ 185.2260, 4.3256,
59.4378

■ 102.4690, 9.6288,
132.0157

■ 201.4970, 3.2060,
45.1681

■ 88.0730, 10.3170,
144.6410

■ 217.7680, 2.0864,
30.8985

■ 234.7400, 1.1142,
16.0140

251.0110, -0.0054,
1.7444

254.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



157.7560, 30.6863, 51.0800



151.9830, 6.4174, 88.5919



148.9040, -20.6587, 93.0462

Triad

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



151.9830, 6.4174, 88.5919



141.4980, -52.5035, -6.5757



131.6980, 57.8299, -115.4991

Complementary

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



151.9830, 6.4174, 88.5919



199.0170, -6.4174, -88.5919

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.



129.3890, 36.2902, -113.4742



151.9830, 6.4174, 88.5919



127.9520, -21.1753, -68.3639

Square

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



151.9830, 6.4174, 88.5919



145.8520, -62.5380, 38.7178



122.6630, 10.5191, -107.5755



124.7510, 64.2128, -109.4066

Rectangle

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



151.9830, 6.4174, 88.5919



149.6580, -37.7924, 81.8609



122.6630, 10.5191, -107.5755



131.3900, 51.5727, -115.2290

Sweetspot

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



151.9830, 6.4174, 88.5919



225.0340, 1.9552, 26.2802



141.9820, 54.7319, 38.6038



109.1530, 1.4036, 16.5288



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.



151.9830, 6.4174, 88.5919



131.8590, 7.9575, 107.9947



150.2150, -25.7420, 90.1424



119.4570, 0.2677, 7.4922



66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Inverse Universe

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



151.9830, 6.4174, 88.5919



131.8590, 7.9575, 107.9947



200.7850, 25.7420, -90.1424



119.4570, 0.2677, 7.4922



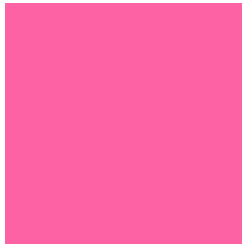
66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 151.9830, 6.4174, 88.5919 looks on a white background.

Color Contrast Check

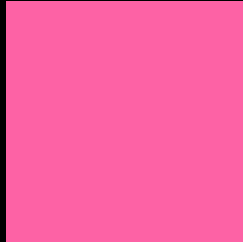
Large Text (above 18pt) WCAG AA × Fail

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 151.9830, 6.4174, 88.5919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

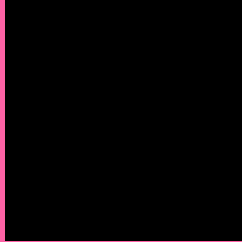
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 151.9830, 6.4174, 88.5919

Background



This preview shows how black text looks on a background with the YUV color 151.9830, 6.4174, 88.5919.



This preview shows how white text looks on a background with the YUV color 151.9830, 6.4174,

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

151.9830, 6.4174, 88.5919

Protanopia

155.0690, 22.1510, -11.4615

Deuteranopia

156.1800, 0.4043, 10.3661



Tritanopia

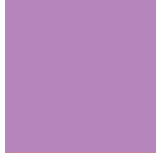
151.6580, -17.5794, 85.3689

Trichromacy



Original Color

151.9830, 6.4174, 88.5919



Protanomaly

153.8070, 16.3641, 24.7253



Deuteranomaly

154.6380, 2.6435, 38.9055



Tritanomaly

151.6610, -8.7069, 86.2433

Monochromacy



Original Color

151.9830, 6.4174, 88.5919



Achromatopsia

152.0000, 0.0000, 0.0000



Achromatomaly

151.8930, 2.5178, 32.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.9830, 6.4174, 88.5919 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(253, 98, 165)` looks like.

```
.text, #text, p{  
    color:rgb(253, 98, 165)  
}
```

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(253, 98, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 98, 165) }
```

Border

The CSS property to change the border of an element to YUV 151.9830, 6.4174, 88.5919 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(253, 98, 165) }
```


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

```
.border{ border-color:rgb(253, 98, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 98, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(253, 98, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(253, 98, 165); box-shadow:4px 4px 4px 4px rgb(253, 98, 165) }
```

Background

The CSS property to change the background color of an element to YUV 151.9830, 6.4174, 88.5919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 98, 165) }
```

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

```
.background{ background-color: rgb(253, 98,  
165) }
```

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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