

Converting Colors

YUV(165.9850, -3.4436,
78.0662)

Have a look what the booklet for
YUV(165.9850, -3.4436, 78.0662)
contains.

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Color

**YUV(165.9850, -3.4436,
78.0662)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A9F
RGB	255, 122, 159
RGB Percent	100%, 48%, 62%
CMY	0.0000, 0.5216, 0.3765
CMYK	0.00, 0.52, 0.38, 0.00
HSL	343°, 100%, 74%
HSV	343°, 52%, 100%
XYZ	54.4575, 37.6823, 37.2041
YIQ	165.9850, 67.3910, 39.7030

Conversions

Conversions Part 2

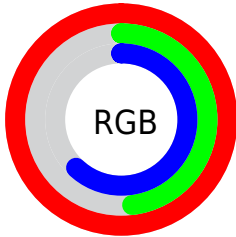
Format	Color
R_{YB}	255, 122, 159
Decimal	16743071
CIE _{Lab}	67.79, 54.14, 4.64
CIE _{LCh}	68, 54.335, 4.896
Yxy	37.6823, 0.4210, 0.2913
Android (android.graphics.Color)	4294933151 (0xFFFF7A9F)
YUV	165.9850, -3.4436, 78.0662
Hunter-Lab	61.3859, 50.9282, 7.0363

Details

The YUV color $165.9850, -3.4436, 78.0662$ is a light color, and the websafe version is hex $FF6699$. A complement of this color would be $211.0150, 3.4436, -78.0662$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.1270, 4.3744, 43.7386$, and $109.9460, -0.9594, 74.5924$ is the 20% darker color. If you saturate the color by 10%, you get $149.2580, -4.0712, 92.7357$, and if you desaturate by 10%, it is $183.2990, -3.1054, 62.8818$.

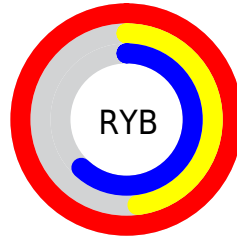
Distribution



Red (100%)

Green (48%)

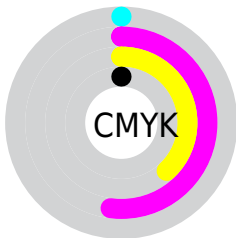
Blue (62%)



Red (100%)

Yellow (48%)

Blue (62%)

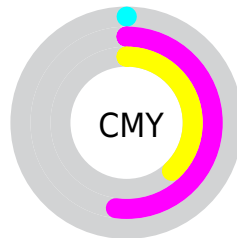


Cyan (0%)

Magenta (52%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.9850, -3.4436, 78.0662 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 165.9850, -3.4436, 78.0662 by changing the saturation by 10% instead.

 165.9850, -3.4436,
78.0662


 165.9850, -3.4436,
78.0662

255.0000, 0.0000,
0.0000

 138.2020, -2.5646,
76.1218


 205.1270, 4.3744,
43.7386

 109.9460, -0.9594,
74.5924


 224.7550, 8.5018,
26.5249

 80.6300, 1.6614,
73.9925

 243.8470, 5.4984,
9.7812

 47.6180, 6.5973,
77.5110

 36.4390, 1.2626,
61.8820

 25.7870, -3.3460,
46.6678

 16.0750, -6.9390,

32.3832

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 165.9850, -3.4436,
78.0662

■ 165.9850, -3.4436,
78.0662

■ 149.2580, -4.0712,
92.7357

■ 183.2990, -3.1054,
62.8818

■ 131.8300, -4.8462,
108.0201

■ 200.1400, -2.0410,
48.1122

■ 115.1030, -5.4738,
122.6897

■ 217.4540, -1.7028,
32.9278

■ 97.6750, -6.2488,
137.9740

■ 234.2950, -0.6384,
18.1583

■ 84.3390, -6.5761,
149.6697

■ 251.6090, -0.3002,
2.9739

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



169.3900, 19.0347, 54.9090



165.9850, -3.4436, 78.0662



164.1270, -25.6986, 76.1876

Triad

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



165.9850, -3.4436, 78.0662



153.7860, -35.8835, -17.3523



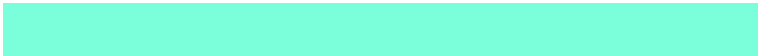
135.0890, 58.1301, -118.4731

Complementary

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



165.9850, -3.4436, 78.0662



211.0150, 3.4436, -78.0662

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.



135.4360, 41.6901, -118.7774



165.9850, -3.4436, 78.0662



141.3290, -9.5292, -70.4485

Square

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



165.9850, -3.4436, 78.0662



159.2380, -47.9383, 22.5933



131.1380, 20.1450, -115.0080



153.6990, 49.9414, -58.4950

Rectangle

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



165.9850, -3.4436, 78.0662



163.1350, -38.0276, 63.9026



131.1380, 20.1450, -115.0080



135.8240, 53.3308, -119.1176

Sweetspot

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



165.9850, -3.4436, 78.0662



227.6270, -0.8021, 24.0061



165.5670, 44.0905, 45.1067



111.2730, -0.6276, 14.6696



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.



165.9850, -3.4436, 78.0662



147.2690, -4.0766, 94.4801



178.7900, -27.9975, 66.8362



119.2290, -0.6059, 7.6922



63.1510, -5.0044, 112.1236



21.1880, -1.5717, 37.5461

Inverse Universe

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



165.9850, -3.4436, 78.0662



147.2690, -4.0766, 94.4801



198.2100, 27.9975, -66.8362



119.2290, -0.6059, 7.6922



63.1510, -5.0044, 112.1236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 165.9850, -3.4436, 78.0662 looks on a white background.

Color Contrast Check

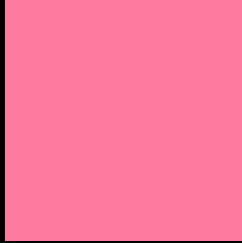
Large Text (above 18pt) WCAG AA × Fail

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 165.9850, -3.4436, 78.0662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

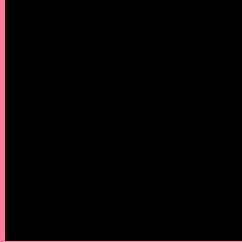
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.9850, -3.4436, 78.0662

Background



This preview shows how black text looks on a background with the YUV color 165.9850, -3.4436, 78.0662.



This preview shows how white text looks on a background with the YUV color 165.9850, -3.4436,

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

165.9850, -3.4436, 78.0662

Protanopia

165.9810, 8.8834, -2.6143

Deuteranopia

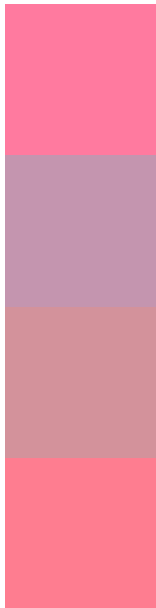
166.9760, -6.8902, 16.6840



Tritanopia

164.9990, -14.7895, 77.1769

Trichromacy



Original Color

165.9850, -3.4436, 78.0662

Protanomaly

166.0170, 4.4286, 26.2951

Deuteranomaly

166.4610, -5.6503, 39.0607

Tritanomaly

165.7370, -10.7163, 77.4067

Monochromacy



Original Color

165.9850, -3.4436, 78.0662

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8340, -1.3972, 28.2096

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.9850, -3.4436, 78.0662 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(255, 122, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 159)  
}
```

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(255, 122, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 159) }
```

Border

The CSS property to change the border of an element to YUV 165.9850, -3.4436, 78.0662 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(255, 122, 159) }
```


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

```
.border{ border-color:rgb(255, 122, 159) }
```

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

Here you see how a box with a 4 pixel rgb(255, 122, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 165.9850, -3.4436, 78.0662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 159) }
```

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

```
.background{ background-color: rgb(255,  
122, 159) }
```

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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