

Converting Colors

YUV(177.5770, -4.7215,
67.9000)

Have a look what the booklet for
YUV(177.5770, -4.7215, 67.9000)
contains.

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Color

**YUV(177.5770, -4.7215,
67.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8CA8
RGB	255, 140, 168
RGB Percent	100%, 55%, 66%
CMY	0.0000, 0.4510, 0.3412
CMYK	0.00, 0.45, 0.34, 0.00
HSL	345°, 100%, 77%
HSV	345°, 45%, 100%
XYZ	57.6860, 42.8433, 42.2750
YIQ	177.5770, 59.5520, 33.0880

Conversions

Conversions Part 2

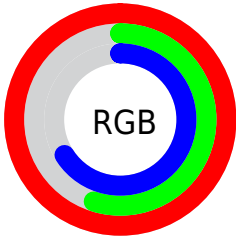
Format	Color
R_{YB}	255, 140, 168
Decimal	16747688
CIE _{Lab}	71.45, 46.40, 4.87
CIE _{LCh}	71, 46.653, 5.989
Yxy	42.8433, 0.4040, 0.3000
Android (android.graphics.Color)	4294937768 (0xFFFF8CA8)
YUV	177.5770, -4.7215, 67.9000
Hunter-Lab	65.4548, 42.7679, 7.5250

Details

The YUV color **177.5770, -4.7215, 67.9000** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **217.4230, 4.7215, -67.9000**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.7190, 3.0965, 33.5724**, and **122.5980, -3.2528, 63.4966** is the 20% darker color. If you saturate the color by 10%, you get **160.7360, -5.7858, 82.6695**, and if you desaturate by 10%, it is **195.0050, -3.9465, 52.6156**.

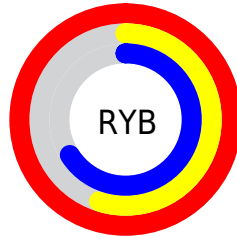
Distribution



Red (100%)

Green (55%)

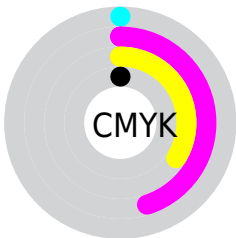
Blue (66%)



Red (100%)

Yellow (55%)

Blue (66%)

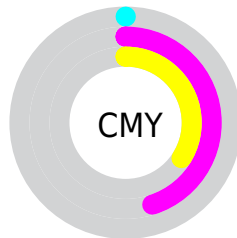


Cyan (0%)

Magenta (45%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5770, -4.7215, 67.9000 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 177.5770, -4.7215, 67.9000 by changing the saturation by 10% instead.

 177.5770, -4.7215,
67.9000


 177.5770, -4.7215,
67.9000


255.0000, 0.0000,
0.0000


 149.7940, -3.8424,
65.9557


 216.7190, 3.0965,
33.5724


 122.5980, -3.2528,
63.4966


 236.4610, 7.6607,
16.2587

 95.3420, -1.6476,
61.9671

 253.8260, 0.5788,
1.0296

 67.7980, 0.0996,
61.5672

 38.1340, 3.8779,
63.0265

 27.4820, -0.7306,
47.8123

 17.4560, -8.1128,

35.5571

■ 6.2790, -3.0955,
12.9103

■ 0.0000, 0.0000,
0.0000

■ 177.5770, -4.7215,
67.9000

■ 177.5770, -4.7215,
67.9000

■ 160.7360, -5.7858,
82.6695

■ 195.0050, -3.9465,
52.6156

■ 143.1940, -6.9976,
98.0539

■ 211.9600, -2.4453,
37.7461

■ 126.3530, -8.0620,
112.8234

■ 229.3880, -1.6703,
22.4617

■ 108.9250, -8.8370,
128.1078

■ 246.2290, -0.6059,
7.6922

■ 92.0840, -9.9014, 255.0000, 0.0000,
142.8773 0.0000

■ 83.3130, -10.5073,
150.5695

Harmonies

Analogous

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



179.9070, 14.8358, 48.3166



177.5770, -4.7215, 67.9000



175.5280, -23.9243, 67.0659

Triad

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



177.5770, -4.7215, 67.9000



165.8770, -30.5054, -15.6781



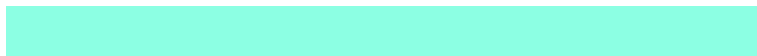
139.6710, 55.3782, -122.4915

Complementary

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



177.5770, -4.7215, 67.9000



217.4230, 4.7215, -67.9000

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.



140.0010, 41.4115, -122.7809



177.5770, -4.7215, 67.9000



157.2320, -8.9884, -57.2085

Square

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



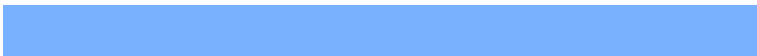
177.5770, -4.7215, 67.9000



170.4640, -40.6548, 19.7641



136.3870, 22.4872, -119.6114



169.1480, 42.3250, -42.2258

Rectangle

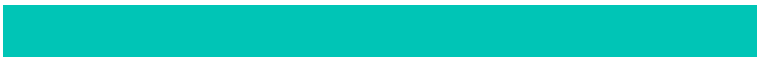
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.5770, -4.7215, 67.9000



174.2310, -33.6379, 55.9254



136.3870, 22.4872, -119.6114



140.0470, 51.7418, -122.8212

Sweetspot

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



177.5770, -4.7215, 67.9000



230.7900, -1.3755, 21.2322



178.8240, 37.5548, 41.3734



113.1480, -1.0590, 13.0252



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.



177.5770, -4.7215, 67.9000



162.1380, -5.4910, 81.4400



191.4080, -25.3441, 55.7702



119.2290, -0.6059, 7.6922



62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461

Inverse Universe

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



177.5770, -4.7215, 67.9000



162.1380, -5.4910, 81.4400



203.5920, 25.3441, -55.7702



119.2290, -0.6059, 7.6922



62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 177.5770, -4.7215, 67.9000 looks on a white background.

Color Contrast Check

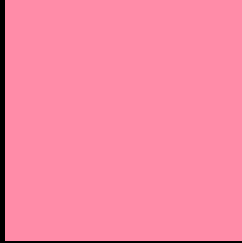
Large Text (above 18pt) WCAG AA × Fail

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 177.5770, -4.7215, 67.9000 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 177.5770, -4.7215, 67.9000

Background



This preview shows how black text looks on a background with the YUV color 177.5770, -4.7215, 67.9000.



This preview shows how white text looks on a background with the YUV color 177.5770, -4.7215,

67.9000.

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

177.5770, -4.7215, 67.9000

Protanopia

175.8950, 5.9678, -0.7849

Deuteranopia

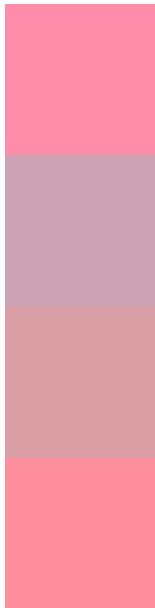
176.6880, -6.7482, 17.8136



Tritanopia

177.3290, -11.9942, 67.2405

Trichromacy



Original Color

177.5770, -4.7215, 67.9000

Protanomaly

176.7240, 2.1081, 23.9211

Deuteranomaly

176.7380, -5.7868, 36.1868

Tritanomaly

177.3120, -9.5208, 67.2554

Monochromacy



Original Color

177.5770, -4.7215, 67.9000

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.6980, -1.8231, 24.8209

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5770, -4.7215, 67.9000 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, 140, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 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(255, 140, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 168) }
```

Border

The CSS property to change the border of an element to YUV 177.5770, -4.7215, 67.9000 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, 140, 168) }
```


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

```
.border{ border-color:rgb(255, 140, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 177.5770, -4.7215, 67.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 168) }
```

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

```
.background{ background-color: rgb(255,  
140, 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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