

Converting Colors

YUV(171.9490, 4.4621, 62.3117)

Have a look what the booklet for
YUV(171.9490, 4.4621, 62.3117)
contains.

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Color

**YUV(171.9490, 4.4621,
62.3117)**

Conversions

Conversions Part 1

Format	Color
Hex	F386B5
RGB	243, 134, 181
RGB Percent	95%, 53%, 71%
CMY	0.0471, 0.4745, 0.2902
CMYK	0.00, 0.45, 0.26, 0.05
HSL	334°, 82%, 74%
HSV	334°, 45%, 95%
XYZ	53.8277, 39.4411, 48.4919
YIQ	171.9490, 49.8770, 37.7250

Conversions

Conversions Part 2

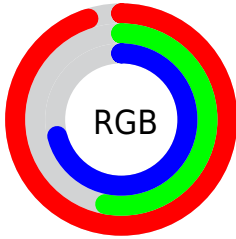
Format	Color
R _Y B	243, 134, 181
Decimal	15959733
CIE Lab	69.07, 47.00, -6.06
CIE LCh	69, 47.385, 352.651
Yxy	39.4411, 0.3797, 0.2782
Android (android.graphics.Color)	4294149813 (0xFFFF386B5)
YUV	171.9490, 4.4621, 62.3117
Hunter-Lab	62.8021, 43.0887, -1.8186

Details

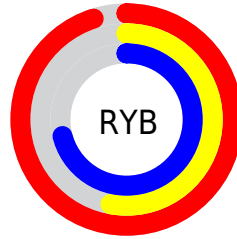
The YUV color **171.9490, 4.4621, 62.3117** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **205.0510, -4.4621, -62.3117**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2060, 11.2374, 35.7763**, and **117.1550, 5.3466, 58.6231** is the 20% darker color. If you saturate the color by 10%, you get **156.2650, 5.2924, 76.0666**, and if you desaturate by 10%, it is **187.6330, 3.6319, 48.5569**.

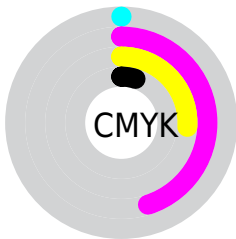
Distribution



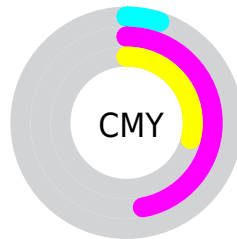
- Red (95%)
- Green (53%)
- Blue (71%)



- Red (95%)
- Yellow (53%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (47%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.9490, 4.4621, 62.3117 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 171.9490, 4.4621, 62.3117 by changing the saturation by 10% instead.


 171.9490, 4.4621,
62.3117


 171.9490, 4.4621,
62.3117

255.0000, 0.0000,
0.0000

 144.0520, 4.9044,
60.4674


 214.2060, 11.2374,
35.7763

 117.1550, 5.3466,
58.6231


 233.2810, 10.7075,
19.0476

 90.0840, 6.3676,
57.8083

 250.3040, 2.3151,
4.1184

 61.9530, 8.4042,
57.9232

 36.5830, 9.5726,
56.4937

 26.1160, 4.3798,
41.9943

 16.7310, -1.8394,

30.0539

■ 0.0000, 0.0000,
0.0000

■ 171.9490, 4.4621,
62.3117

■ 171.9490, 4.4621,
62.3117

■ 156.2650, 5.2924,
76.0666

■ 187.6330, 3.6319,
48.5569

■ 139.9940, 6.4120,
90.3363

■ 203.9040, 2.5123,
34.2872

■ 124.4240, 7.6790,
103.9912

■ 219.4740, 1.2453,
20.6323

■ 108.7400, 8.5092,
117.7460

■ 235.1580, 0.4151,
6.8774

■ 93.0560, 9.3394,
131.5009

■ 250.8420, -0.4151,
-6.8774

■ 84.6270, 10.0439,
138.8931

■ 251.4120, 1.7689,
-7.3773

Harmonies

Analogous

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



173.6970, 23.3204, 33.5917



171.9490, 4.4621, 62.3117



169.7270, -15.6414, 70.3994

Triad

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



171.9490, 4.4621, 62.3117



161.6680, -36.8113, 0.2912



136.0860, 49.2576, -119.3474

Complementary

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



171.9490, 4.4621, 62.3117



205.0510, -4.4621, -62.3117

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.



134.3300, 32.3753, -117.8074



171.9490, 4.4621, 62.3117



154.8940, -19.6677, -38.4950

Square

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



171.9490, 4.4621, 62.3117



166.0250, -41.4243, 33.3041



137.0880, 9.3236, -97.4242



152.1870, 49.7008, -74.7090

Rectangle

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



171.9490, 4.4621, 62.3117



168.4800, -27.8446, 64.4770



137.0880, 9.3236, -97.4242



136.1200, 44.3108, -119.3772

Sweetspot

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



171.9490, 4.4621, 62.3117



233.4630, 1.2507, 18.8879



164.9640, 38.4717, 27.2186



114.3050, 0.8356, 12.0105



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.



171.9490, 4.4621, 62.3117



165.1020, 5.8657, 78.8405



170.7000, -18.0931, 63.4071



114.1580, 0.4151, 6.8774



64.7340, 7.5261, 106.3503



20.4910, 2.2229, 33.7724

Inverse Universe

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



171.9490, 4.4621, 62.3117



165.1020, 5.8657, 78.8405



206.3000, 18.0931, -63.4071



114.1580, 0.4151, 6.8774



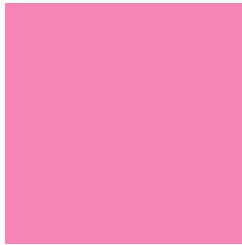
64.7340, 7.5261, 106.3503



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 171.9490, 4.4621, 62.3117 looks on a white background.

Color Contrast Check

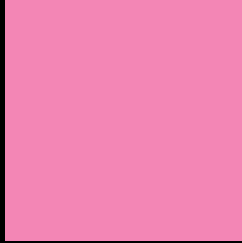
Large Text (above 18pt) WCAG AA × Fail

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 171.9490, 4.4621, 62.3117 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 171.9490, 4.4621, 62.3117

Background



This preview shows how black text looks on a background with the YUV color 171.9490, 4.4621, 62.3117.



This preview shows how white text looks on a background with the YUV color 171.9490, 4.4621,

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

171.9490, 4.4621, 62.3117

Protanopia

170.0820, 15.7356, -7.0879

Deuteranopia

170.7500, 2.5882, 9.8663



Tritanopia

171.0400, -10.3727, 60.4779

Trichromacy



Original Color

171.9490, 4.4621, 62.3117



Protanomaly

170.7970, 11.4391, 17.7180



Deuteranomaly

171.0990, 3.4022, 28.8542



Tritanomaly

171.4190, -5.1366, 61.0225

Monochromacy



Original Color

171.9490, 4.4621, 62.3117



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.8980, 1.5293, 22.8915

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9490, 4.4621, 62.3117 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(243, 134, 181)` looks like.

```
.text, #text, p{  
    color:rgb(243, 134, 181)  
}
```

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(243, 134, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 134, 181) }
```

Border

The CSS property to change the border of an element to YUV 171.9490, 4.4621, 62.3117 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(243, 134, 181) }
```


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

```
.border{ border-color:rgb(243, 134, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 134, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 134, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 134, 181);  
box-shadow:4px 4px 4px 4px rgb(243, 134,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 171.9490, 4.4621, 62.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 134, 181) }
```

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

```
.background{ background-color: rgb(243,  
134, 181) }
```

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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