

Converting Colors

YUV(171.0420, 3.4303, 66.6152)

Have a look what the booklet for
YUV(171.0420, 3.4303, 66.6152)
contains.

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Color

**YUV(171.0420, 3.4303,
66.6152)**

Conversions

Conversions Part 1

Format	Color
Hex	F783B2
RGB	247, 131, 178
RGB Percent	97%, 51%, 70%
CMY	0.0314, 0.4863, 0.3020
CMYK	0.00, 0.47, 0.28, 0.03
HSL	336°, 88%, 74%
HSV	336°, 47%, 97%
XYZ	54.5100, 39.2211, 46.8169
YIQ	171.0420, 54.0490, 39.2090

Conversions

Conversions Part 2

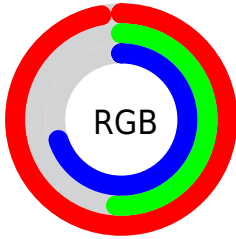
Format	Color
R_{YB}	247, 131, 178
Decimal	16221106
CIE _{Lab}	68.91, 49.42, -4.56
CIE _{LCh}	69, 49.629, 354.733
Yxy	39.2211, 0.3878, 0.2791
Android (android.graphics.Color)	4294411186 (0xFFFF783B2)
YUV	171.0420, 3.4303, 66.6152
Hunter-Lab	62.6268, 45.7685, -0.4838

Details

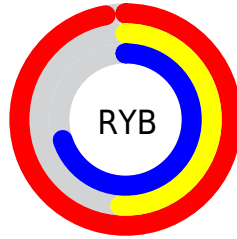
The YUV color **171.0420, 3.4303, 66.6152** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **206.9580, -3.4303, -66.6152**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1030, 10.7952, 37.6207**, and **115.6610, 4.6041, 63.4413** is the 20% darker color. If you saturate the color by 10%, you get **154.6570, 4.1131, 80.9848**, and if you desaturate by 10%, it is **187.4270, 2.7475, 52.2455**.

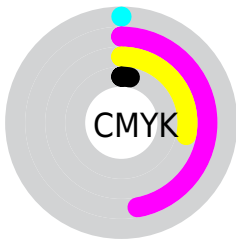
Distribution



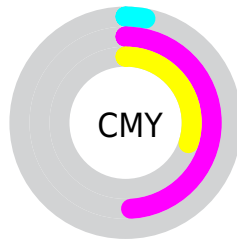
- Red (97%)
- Green (51%)
- Blue (70%)



- Red (97%)
- Yellow (51%)
- Blue (70%)



- Cyan (0%)
- Magenta (47%)
- Yellow (28%)
- Black (3%)





- Cyan (3%)
- Magenta (49%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.0420, 3.4303, 66.6152 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 171.0420, 3.4303, 66.6152 by changing the saturation by 10% instead.


 171.0420, 3.4303,
66.6152


 171.0420, 3.4303,
66.6152

255.0000, 0.0000,
0.0000

 143.1450, 3.8725,
64.7708


 212.1030, 10.7952,
37.6207


 115.6610, 4.6041,
63.4413

 231.5200, 11.5756,
20.5920

 88.4050, 6.2093,
61.9118

 248.5430, 3.1833,
5.6628

 58.5130, 9.1141,
63.5711

 36.9530, 8.4042,
57.9232

 26.4860, 3.2114,
43.4238

 16.8730, -3.8814,

31.6834

■ 1.1960, -0.5896,
2.4591

■ 0.0000, 0.0000,
0.0000

■ 171.0420, 3.4303,
66.6152

■ 171.0420, 3.4303,
66.6152

■ 154.6570, 4.1131,
80.9848

■ 187.4270, 2.7475,
52.2455

■ 138.9730, 4.9433,
94.7397

■ 203.1110, 1.9173,
38.4907

■ 122.5880, 5.6261,
109.1093

■ 219.4960, 1.2345,
24.1210

■ 106.2030, 6.3089,
123.4790

■ 235.8810, 0.5517,
9.7514

■ 90.5190, 7.1391,
137.2338

■ 252.1520, -0.5679,
-4.5183

■ 85.2530, 7.2703,
141.8521

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



173.1320, 23.5989, 37.5952



171.0420, 3.4303, 66.6152



168.5810, -17.5414, 73.1585

Triad

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



171.0420, 3.4303, 66.6152



160.6030, -38.2583, -2.2828



136.6560, 51.4416, -119.8473

Complementary

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



171.0420, 3.4303, 66.6152



206.9580, -3.4303, -66.6152

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.



135.3730, 33.8331, -118.7221



171.0420, 3.4303, 66.6152



152.9750, -19.2147, -43.8281

Square

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



171.0420, 3.4303, 66.6152



164.7430, -43.7503, 32.6744



130.1290, 13.7404, -114.1231



150.9310, 51.3060, -76.2385

Rectangle

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



171.0420, 3.4303, 66.6152



167.6220, -29.8866, 66.1065



130.1290, 13.7404, -114.1231



136.5760, 46.0580, -119.7772

Sweetspot

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



171.0420, 3.4303, 66.6152



231.4740, 1.2453, 20.6323



164.5560, 40.6449, 30.2074



113.6040, 0.6882, 12.6253



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.



171.0420, 3.4303, 66.6152



161.3690, 4.2551, 82.1144



171.5540, -19.9931, 66.1661



114.1580, 0.4151, 6.8774



64.1640, 5.3421, 106.8502



20.3770, 1.7861, 33.8724

Inverse Universe

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



171.0420, 3.4303, 66.6152



161.3690, 4.2551, 82.1144



206.4460, 19.9931, -66.1661



114.1580, 0.4151, 6.8774



64.1640, 5.3421, 106.8502



20.3770, 1.7861, 33.8724

Previews

White Background



This preview shows how the YUV color 171.0420, 3.4303, 66.6152 looks on a white background.

Color Contrast Check

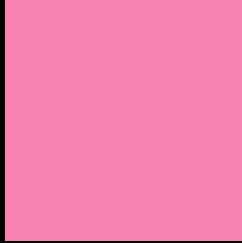
Large Text (above 18pt) WCAG AA × Fail

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 171.0420, 3.4303, 66.6152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

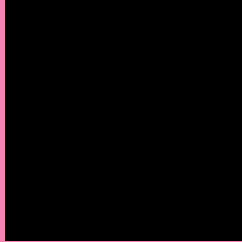
Any Text WCAG AA ✓ Pass

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 171.0420, 3.4303, 66.6152 Background



This preview shows how black text looks on a background with the YUV color 171.0420, 3.4303, 66.6152.



This preview shows how white text looks on a background with the YUV color 171.0420, 3.4303,

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

171.0420, 3.4303, 66.6152

Protanopia

169.3810, 15.5882, -6.4731

Deuteranopia

170.1200, 1.4198, 11.2958



Tritanopia

170.1330, -11.4046, 64.7814

Trichromacy



Original Color

171.0420, 3.4303, 66.6152



Protanomaly

170.1070, 11.2862, 20.0772



Deuteranomaly

170.1810, 2.3758, 31.4133



Tritanomaly

170.5120, -6.1684, 65.3260

Monochromacy



Original Color

171.0420, 3.4303, 66.6152



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.9090, 1.5239, 24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.0420, 3.4303, 66.6152 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(247, 131, 178)` looks like.

```
.text, #text, p{  
    color:rgb(247, 131, 178)  
}
```

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(247, 131, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 131, 178) }
```

Border

The CSS property to change the border of an element to YUV 171.0420, 3.4303, 66.6152 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(247, 131, 178) }
```


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

```
.border{ border-color:rgb(247, 131, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 131, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 131, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 131, 178);  
box-shadow:4px 4px 4px 4px rgb(247, 131,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 171.0420, 3.4303, 66.6152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 131, 178) }
```

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

```
.background{ background-color: rgb(247,  
131, 178) }
```

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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