

Converting Colors

YUV(167.5370, 2.6933, 69.6891)

Have a look what the booklet for
YUV(167.5370, 2.6933, 69.6891)
contains.

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Color

**YUV(167.5370, 2.6933,
69.6891)**

Conversions

Conversions Part 1

Format	Color
Hex	F77EAD
RGB	247, 126, 173
RGB Percent	97%, 49%, 68%
CMY	0.0314, 0.5059, 0.3216
CMYK	0.00, 0.49, 0.30, 0.03
HSL	337°, 88%, 73%
HSV	337°, 49%, 97%
XYZ	53.3615, 37.7130, 44.0020
YIQ	167.5370, 57.0290, 40.2690

Conversions

Conversions Part 2

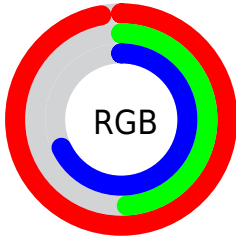
Format	Color
R_{YB}	247, 126, 173
Decimal	16219821
CIE _{Lab}	67.81, 51.23, -3.37
CIE _{LCh}	68, 51.344, 356.239
Yxy	37.7130, 0.3950, 0.2792
Android (android.graphics.Color)	4294409901 (0xFFFF77EAD)
YUV	167.5370, 2.6933, 69.6891
Hunter-Lab	61.4109, 47.6340, 0.5053

Details

The YUV color **167.5370, 2.6933, 69.6891** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **205.4630, -2.6933, -69.6891**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0710, 9.3320, 40.2797**, and **112.2700, 4.3039, 66.4152** is the 20% darker color. If you saturate the color by 10%, you get **151.1520, 3.3761, 84.0587**, and if you desaturate by 10%, it is **183.9220, 2.0105, 55.3194**.

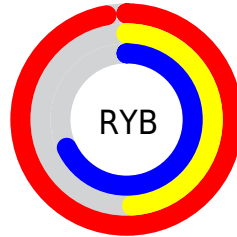
Distribution



Red (97%)

Green (49%)

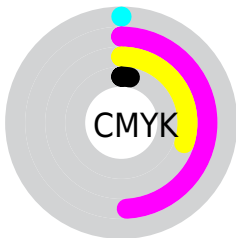
Blue (68%)



Red (97%)

Yellow (49%)

Blue (68%)

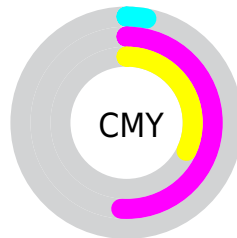


Cyan (0%)

Magenta (49%)

Yellow (30%)

Black (3%)



Cyan (3%)


Magenta (51%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.5370, 2.6933, 69.6891 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 167.5370, 2.6933, 69.6891 by changing the saturation by 10% instead.


 167.5370, 2.6933,
69.6891


 167.5370, 2.6933,
69.6891


255.0000, 0.0000,
0.0000


 139.6400, 3.1355,
67.8447

 209.0710, 9.3320,
40.2797


 112.2700, 4.3039,
66.4152


 228.5850, 13.0226,
23.1660

 84.3130, 5.7617,
65.5005

 245.6080, 4.6303,
8.2368

 50.6000, 10.5502,
69.6338

 36.4970, 6.6570,
58.3231

 25.7310, 1.6116,
43.2089

 15.4770, -6.6442,

31.1537

■ 0.0000, 0.0000,
0.0000

■ 167.5370, 2.6933,
69.6891

■ 167.5370, 2.6933,
69.6891

■ 151.1520, 3.3761,
84.0587

■ 183.9220, 2.0105,
55.3194

■ 135.3540, 3.7695,
97.9135

■ 199.7200, 1.6170,
41.4646

■ 118.9690, 4.4523,
112.2832

■ 216.1050, 0.9342,
27.0949

■ 102.5840, 5.1351,
126.6528

■ 232.4900, 0.2514,
12.7253

■ 86.0850, 5.3811,
141.1225

■ 248.9890, 0.0054,
-1.7444

■ 84.7970, 5.5231,
142.2520

■ 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.



170.0400, 23.1513, 41.1839



167.5370, 2.6933, 69.6891



165.2500, -18.8573, 75.2027

Triad

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



167.5370, 2.6933, 69.6891



156.7660, -38.8316, -5.0568



134.8950, 52.3098, -118.3029

Complementary

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



167.5370, 2.6933, 69.6891



205.4630, -2.6933, -69.6891

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.



133.7260, 35.1381, -117.2777



167.5370, 2.6933, 69.6891



148.8820, -18.1828, -48.1315

Square

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



167.5370, 2.6933, 69.6891



161.2760, -45.4921, 31.3299



128.3680, 14.6086, -112.5787



147.0770, 53.2060, -78.9975

Rectangle

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



167.5370, 2.6933, 69.6891



164.1660, -31.6338, 66.5064



128.3680, 14.6086, -112.5787



134.9290, 47.3630, -118.3327

Sweetspot

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



167.5370, 2.6933, 69.6891



230.0720, 0.9505, 21.8619



161.6210, 42.0918, 32.7814



112.7890, 0.1040, 13.3400



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.



167.5370, 2.6933, 69.6891



156.4620, 3.2232, 86.4178



169.2230, -21.3089, 68.2104



114.1580, 0.4151, 6.8774



63.8220, 4.0318, 107.1501



20.2630, 1.3493, 33.9723

Inverse Universe

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



167.5370, 2.6933, 69.6891



156.4620, 3.2232, 86.4178



203.7770, 21.3089, -68.2104



114.1580, 0.4151, 6.8774



63.8220, 4.0318, 107.1501



20.2630, 1.3493, 33.9723

Previews

White Background



This preview shows how the YUV color 167.5370, 2.6933, 69.6891 looks on a white background.

Color Contrast Check

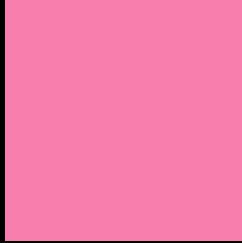
Large Text (above 18pt) WCAG AA × Fail

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 167.5370, 2.6933, 69.6891 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 167.5370, 2.6933, 69.6891

Background



This preview shows how black text looks on a background with the YUV color 167.5370, 2.6933, 69.6891.



This preview shows how white text looks on a background with the YUV color 167.5370, 2.6933,

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

167.5370, 2.6933, 69.6891

Protanopia

166.2670, 15.1514, -6.3732

Deuteranopia

167.0770, -0.0380, 12.2105



Tritanopia

166.6280, -12.1416, 67.8552

Trichromacy



Original Color

167.5370, 2.6933, 69.6891



Protanomaly

166.5910, 10.5546, 21.4067



Deuteranomaly

167.4370, 0.7706, 32.9428



Tritanomaly

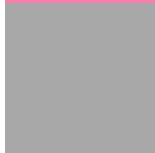
167.0070, -6.9055, 68.3999

Monochromacy



Original Color

167.5370, 2.6933, 69.6891



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.0940, 0.9397, 25.3506

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.5370, 2.6933, 69.6891 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, 126, 173)` looks like.

```
.text, #text, p{  
    color:rgb(247, 126, 173)  
}
```

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, 126, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 126, 173) }
```

Border

The CSS property to change the border of an element to YUV 167.5370, 2.6933, 69.6891 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, 126, 173) }
```


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

```
.border{ border-color:rgb(247, 126, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 126, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 126, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 126, 173);  
box-shadow:4px 4px 4px 4px rgb(247, 126,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 167.5370, 2.6933, 69.6891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 126, 173) }
```

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

```
.background{ background-color: rgb(247,  
126, 173) }
```

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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