

Converting Colors

YUV(168.3350, 5.7508, 68.9892)

Have a look what the booklet for
YUV(168.3350, 5.7508, 68.9892)
contains.

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Color

**YUV(168.3350, 5.7508,
68.9892)**

Conversions

Conversions Part 1

Format	Color
Hex	F77EB4
RGB	247, 126, 180
RGB Percent	97%, 49%, 71%
CMY	0.0314, 0.5059, 0.2941
CMYK	0.00, 0.49, 0.27, 0.03
HSL	333°, 88%, 73%
HSV	333°, 49%, 97%
XYZ	54.0568, 37.9912, 47.6639
YIQ	168.3350, 54.7820, 42.4460

Conversions

Conversions Part 2

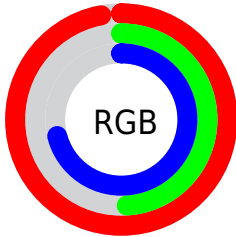
Format	Color
R _Y B	247, 126, 180
Decimal	16219828
CIE Lab	68.01, 52.13, -7.01
CIE LCh	68, 52.600, 352.345
Yxy	37.9912, 0.3869, 0.2719
Android (android.graphics.Color)	4294409908 (0xFFFF77EB4)
YUV	168.3350, 5.7508, 68.9892
Hunter-Lab	61.6370, 48.6834, -2.7031

Details

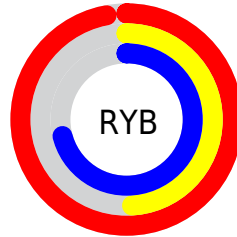
The YUV color **168.3350, 5.7508, 68.9892** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **204.6650, -5.7508, -68.9892**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.9830, 12.8264, 39.4799**, and **112.9540, 6.9247, 65.8153** is the 20% darker color. If you saturate the color by 10%, you get **152.0640, 6.8704, 83.2589**, and if you desaturate by 10%, it is **184.6060, 4.6312, 54.7195**.

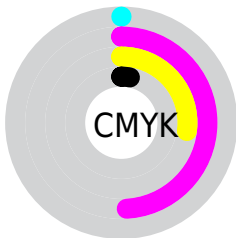
Distribution



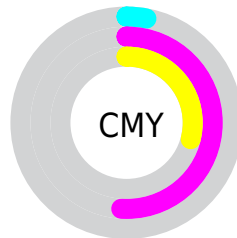
- Red (97%)
- Green (49%)
- Blue (71%)



- Red (97%)
- Yellow (49%)
- Blue (71%)



- Cyan (0%)
- Magenta (49%)
- Yellow (27%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3350, 5.7508, 68.9892 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 168.3350, 5.7508, 68.9892 by changing the saturation by 10% instead.

 168.3350, 5.7508,
68.9892


 168.3350, 5.7508,
68.9892


255.0000, 0.0000,
0.0000


 140.4380, 6.1931,
67.1449


 209.9830, 12.8264,
39.4799


 112.9540, 6.9247,
65.8153

 228.5850, 13.0226,
23.1660

 84.4100, 8.6719,
65.4154

 245.6080, 4.6303,
8.2368

 50.9960, 13.3130,
70.1635

 37.1810, 9.2778,
57.7233

 26.6000, 3.6482,
43.3238

 16.8020, -2.8604,

30.8686

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,
0.0000

■ 168.3350, 5.7508,
68.9892

■ 168.3350, 5.7508,
68.9892

■ 152.0640, 6.8704,
83.2589

■ 184.6060, 4.6312,
54.7195

■ 136.4940, 8.1375,
96.9138

■ 200.1760, 3.3642,
41.0646

■ 120.2230, 9.2571,
111.1834

■ 216.4470, 2.2446,
26.7950

■ 103.9520, 10.3767,
125.4531

■ 232.7180, 1.1250,
12.5253

■ 87.7950, 11.9331,
139.6228

■ 248.8750, -0.4314,
-1.6444

■ 86.3930, 11.6383,
140.8523

■ 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.



170.5170, 26.3671, 36.3806



168.3350, 5.7508, 68.9892



165.5430, -16.5367, 77.5768

Triad

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



168.3350, 5.7508, 68.9892



157.7020, -41.7581, 0.2613



135.9550, 51.2942, -119.2325

Complementary

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



168.3350, 5.7508, 68.9892



204.6650, -5.7508, -68.9892

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.



133.7430, 32.6647, -117.2926



168.3350, 5.7508, 68.9892



150.1770, -22.2723, -43.1282

Square

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



168.3350, 5.7508, 68.9892



162.0810, -46.3819, 36.7630



128.2710, 11.6984, -112.4937



132.1050, 60.5872, -113.2251

Rectangle

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



168.3350, 5.7508, 68.9892



164.9430, -30.0449, 70.2100



128.2710, 11.6984, -112.4937



135.8750, 45.9106, -119.1624

Sweetspot

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



168.3350, 5.7508, 68.9892



230.3000, 1.8241, 21.6619



159.8270, 42.9763, 29.0927



113.0170, 0.9776, 13.1401



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.



168.3350, 5.7508, 68.9892



157.4880, 7.1544, 85.5180



165.7010, -19.5726, 71.2992



114.2720, 0.8519, 6.7775



65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Inverse Universe

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



168.3350, 5.7508, 68.9892



157.4880, 7.1544, 85.5180



207.2990, 19.5726, -71.2992



114.2720, 0.8519, 6.7775



65.0760, 8.8365, 106.0503



20.6050, 2.6597, 33.6724

Previews

White Background



This preview shows how the YUV color 168.3350, 5.7508, 68.9892 looks on a white background.

Color Contrast Check

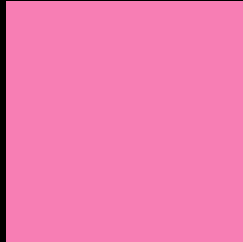
Large Text (above 18pt) WCAG AA × Fail

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 168.3350, 5.7508, 68.9892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

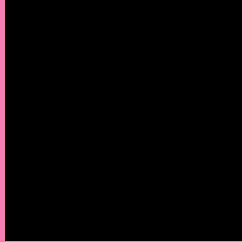
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3350, 5.7508, 68.9892

Background



This preview shows how black text looks on a background with the YUV color 168.3350, 5.7508, 68.9892.



This preview shows how white text looks on a background with the YUV color 168.3350, 5.7508,

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

168.3350, 5.7508, 68.9892

Protanopia

167.1680, 18.6512, -8.9173

Deuteranopia

167.8640, 3.0250, 9.7663



Tritanopia

167.3290, -11.9942, 67.2405

Trichromacy



Original Color

168.3350, 5.7508, 68.9892



Protanomaly

167.7910, 13.9070, 19.4773



Deuteranomaly

167.9360, 3.9756, 31.6281



Tritanomaly

167.3490, -5.5951, 68.0999

Monochromacy



Original Color

168.3350, 5.7508, 68.9892



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.3220, 1.8133, 25.1506

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3350, 5.7508, 68.9892 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(247, 126, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 126, 180) }
```

Border

The CSS property to change the border of an element to YUV 168.3350, 5.7508, 68.9892 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, 180) }
```


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

```
.border{ border-color:rgb(247, 126, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 126, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 126, 180);  
box-shadow:4px 4px 4px 4px rgb(247, 126,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 168.3350, 5.7508, 68.9892 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, 180) }
```

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

```
.background{ background-color: rgb(247,  
126, 180) }
```

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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