

Converting Colors

YUV(168.2670, 35.8574,
72.5568)

Have a look what the booklet for
YUV(168.2670, 35.8574, 72.5568)
contains.

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Color

**YUV(168.2670, 35.8574,
72.5568)**

Conversions

Conversions Part 1

Format	Color
Hex	FB70F1
RGB	251, 112, 241
RGB Percent	98%, 44%, 95%
CMY	0.0157, 0.5608, 0.0549
CMYK	0.00, 0.55, 0.04, 0.02
HSL	304°, 95%, 71%
HSV	304°, 55%, 98%
XYZ	61.4550, 38.4484, 87.4013
YIQ	168.2670, 41.4350, 69.5870

Conversions

Conversions Part 2

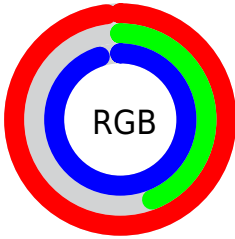
Format	Color
RYB	251, 112, 241
Decimal	16478449
CIELab	68.35, 68.78, -40.44
CIElCh	68, 79.789, 329.545
Yxy	38.4484, 0.3281, 0.2053
Android (android.graphics.Color)	4294668529 (0xFFFB70F1)
YUV	168.2670, 35.8574, 72.5568
Hunter-Lab	62.0068, 68.3996, -40.1671

Details

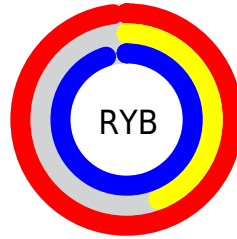
The YUV color **168.2670, 35.8574, 72.5568** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **194.7330, -35.8574, -72.5568**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5180, 24.8876, 44.2727**, and **108.9080, 37.0204, 72.8717** is the 20% darker color. If you saturate the color by 10%, you get **153.3640, 42.2185, 85.6268**, and if you desaturate by 10%, it is **183.1700, 29.4962, 59.4869**.

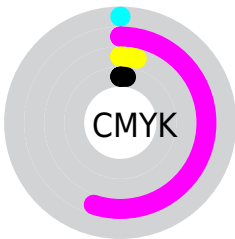
Distribution



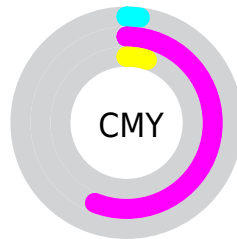
- Red (98%)
- Green (44%)
- Blue (95%)



- Red (98%)
- Yellow (44%)
- Blue (95%)



- Cyan (0%)
- Magenta (55%)
- Yellow (4%)
- Black (2%)





- Cyan (2%)
- Magenta (56%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.2670, 35.8574, 72.5568 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 168.2670, 35.8574, 72.5568 by changing the saturation by 10% instead.


 168.2670, 35.8574,
72.5568


 168.2670, 35.8574,
72.5568


255.0000, 0.0000,
0.0000


 138.9680, 36.0048,
71.9421


 204.5180, 24.8876,
44.2727


 108.9080, 37.0204,
72.8717


 221.5410, 16.4953,
29.3435

 69.5700, 43.1030,
81.9381

 239.1510, 7.8136,
13.8996

 55.0000, 37.4680,
69.2830

 43.6640, 30.2386,
54.6687

 32.4420, 23.4461,
39.9544

 22.3450, 17.0849,

26.8844

■ 9.8560, 11.9030,
8.8963

■ 0.9120, 3.4944,
-0.7998

■ 168.2670, 35.8574,
72.5568

■ 168.2670, 35.8574,
72.5568

■ 153.3640, 42.2185,
85.6268

■ 183.1700, 29.4962,
59.4869

■ 138.4610, 48.5797,
98.6967

■ 198.0730, 23.1350,
46.4170

■ 123.6720, 55.3777,
111.6667

■ 212.8620, 16.3370,
33.4470

■ 108.7690, 61.7389,
124.7366

■ 227.7650, 9.9759,
20.3771

101.6110, 64.7748,
131.0142

243.2550, 3.3253,
6.7924

253.4620, -0.7208,
-2.1592

253.6900, 0.1528,
-2.3591

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



163.4870, 45.1159, -3.9351



168.2670, 35.8574, 72.5568



147.3950, 11.6373, 94.3696

Triad

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



168.2670, 35.8574, 72.5568



155.4810, -76.6521, 39.0432



143.7170, 45.4955, -126.0398

Complementary

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



168.2670, 35.8574, 72.5568



194.7330, -35.8574, -72.5568

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.



135.3950, 13.6093, -118.7414



168.2670, 35.8574, 72.5568



145.9920, -71.9741, -14.9020

Square

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



168.2670, 35.8574, 72.5568



158.5510, -62.3896, 84.5858



124.0240, -17.2668, -108.7690



141.7740, 55.8204, -124.3358

Rectangle

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



168.2670, 35.8574, 72.5568



144.8580, -10.7760, 96.5945



124.0240, -17.2668, -108.7690



141.0950, 35.4492, -123.7403

Sweetspot

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



168.2670, 35.8574, 72.5568



229.4170, 11.1334, 22.4363



130.5370, 59.3883, -8.3639



112.5100, 6.6506, 13.5847



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.



168.2670, 35.8574, 72.5568



155.0160, 43.3761, 87.6860



160.4010, 5.7183, 79.4553



117.2550, 3.3253, 6.7924



76.4610, 48.5797, 98.6967



24.7370, 15.9057, 31.8027

Inverse Universe

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



168.2670, 35.8574, 72.5568



155.0160, 43.3761, 87.6860



202.5990, -5.7183, -79.4553



117.2550, 3.3253, 6.7924



76.4610, 48.5797, 98.6967



24.7370, 15.9057, 31.8027

Previews

White Background



This preview shows how the YUV color 168.2670, 35.8574, 72.5568 looks on a white background.

Color Contrast Check

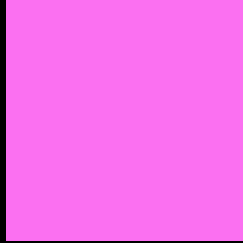
Large Text (above 18pt) WCAG AA × Fail

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 168.2670, 35.8574, 72.5568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

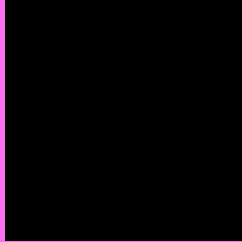
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.2670, 35.8574, 72.5568

Background



This preview shows how black text looks on a background with the YUV color 168.2670, 35.8574, 72.5568.



This preview shows how white text looks on a background with the YUV color 168.2670, 35.8574,

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

168.2670, 35.8574, 72.5568

Protanopia

165.1050, 44.3182, -28.1561

Deuteranopia

166.6580, 32.2136, -18.9941



Tritanopia

168.2360, -10.9623, 62.9370

Trichromacy



Original Color

168.2670, 35.8574, 72.5568



Protanomaly

166.2390, 41.2942, 8.5604



Deuteranomaly

167.5080, 33.2736, 14.4635



Tritanomaly

168.1390, 6.3405, 66.5301

Monochromacy



Original Color

168.2670, 35.8574, 72.5568



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

168.3080, 13.1592, 26.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2670, 35.8574, 72.5568 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(251, 112, 241)` looks like.

```
.text, #text, p{  
    color:rgb(251, 112, 241)  
}
```

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(251, 112, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 112, 241) }
```

Border

The CSS property to change the border of an element to YUV 168.2670, 35.8574, 72.5568 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(251, 112, 241) }
```


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

```
.border{ border-color:rgb(251, 112, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 112, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 112, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 112, 241);  
box-shadow:4px 4px 4px 4px rgb(251, 112,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 168.2670, 35.8574, 72.5568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 112, 241) }
```

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

```
.background{ background-color: rgb(251,  
112, 241) }
```

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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