

Converting Colors

YUV(166.1080, 3.3978, 77.0813)

Have a look what the booklet for
YUV(166.1080, 3.3978, 77.0813)
contains.

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Color

**YUV(166.1080, 3.3978,
77.0813)**

Conversions

Conversions Part 1

Format	Color
Hex	FE78AD
RGB	254, 120, 173
RGB Percent	100%, 47%, 68%
CMY	0.0039, 0.5294, 0.3216
CMYK	0.00, 0.53, 0.32, 0.00
HSL	336°, 99%, 73%
HSV	336°, 53%, 100%
XYZ	55.1323, 37.5209, 43.8716
YIQ	166.1080, 62.8510, 44.8910

Conversions

Conversions Part 2

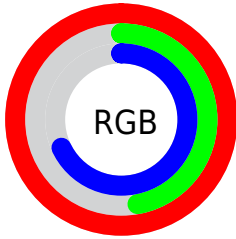
Format	Color
RYB	254, 120, 173
Decimal	16677037
CIELab	67.67, 56.36, -3.47
CIElCh	68, 56.468, 356.479
Yxy	37.5209, 0.4038, 0.2748
Android (android.graphics.Color)	4294867117 (0xFFFE78AD)
YUV	166.1080, 3.3978, 77.0813
Hunter-Lab	61.2543, 53.4651, 0.4133

Details

The YUV color **166.1080, 3.3978, 77.0813** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **207.8920, -3.3978, -77.0813**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.5490, 11.0683, 43.3685**, and **109.3680, 5.7346, 74.2223** is the 20% darker color. If you saturate the color by 10%, you get **149.7230, 4.0806, 91.4509**, and if you desaturate by 10%, it is **182.4930, 2.7150, 62.7116**.

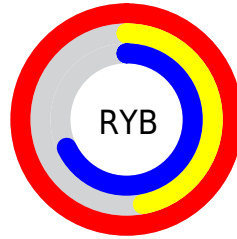
Distribution



Red (100%)

Green (47%)

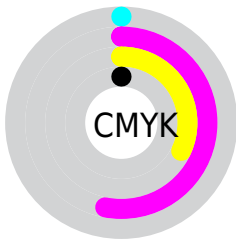
Blue (68%)



Red (100%)

Yellow (47%)

Blue (68%)

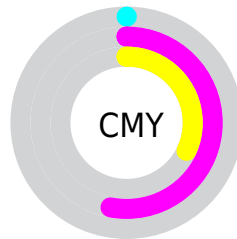


Cyan (0%)

Magenta (53%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (53%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.1080, 3.3978, 77.0813 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 166.1080, 3.3978, 77.0813 by changing the saturation by 10% instead.

 166.1080, 3.3978,
77.0813

 166.1080, 3.3978,
77.0813

255.0000, 0.0000,
0.0000

 137.6240, 4.1294,
75.7518


 205.5490, 11.0683,
43.3685


 109.3680, 5.7346,
74.2223


 225.6500, 14.4696,
25.7400

 79.6500, 8.0605,
74.8520

 242.6730, 6.0772,
10.8108

 48.8720, 11.4021,
76.4113

 37.6930, 6.0674,
60.7822

 26.9270, 1.0220,
45.6680

 16.6730, -7.2338,

33.6128

■ 2.3920, -1.1793,
4.9182

■ 0.0000, 0.0000,
0.0000

■ 166.1080, 3.3978,
77.0813

■ 166.1080, 3.3978,
77.0813

■ 149.7230, 4.0806,
91.4509

■ 182.4930, 2.7150,
62.7116

■ 132.6370, 4.6160,
106.4354

■ 199.5790, 2.1796,
47.7272

■ 116.2520, 5.2988,
120.8050

■ 215.9640, 1.4967,
33.3576

■ 99.2800, 6.2710,
135.6894

■ 232.9360, 0.5246,
18.4731

■ 87.3460, 6.2384,
146.1556

■ 249.4350, 0.2785,
4.0035

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



169.4580, 25.9032, 45.2023



166.1080, 3.3978, 77.0813



162.9410, -20.1839, 80.7357

Triad

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



166.1080, 3.3978, 77.0813



154.7290, -42.7574, -5.9013



136.3940, 55.5148, -119.6175

Complementary

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



166.1080, 3.3978, 77.0813



207.8920, -3.3978, -77.0813

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.



134.7690, 36.5959, -118.1924



166.1080, 3.3978, 77.0813



145.1970, -19.3241, -55.4238

Square

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



166.1080, 3.3978, 77.0813



159.6200, -50.5917, 33.6593



129.4280, 13.5930, -113.5084



130.0340, 61.6082, -114.0398

Rectangle

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



166.1080, 3.3978, 77.0813



162.8140, -34.4183, 72.9541



129.4280, 13.5930, -113.5084



136.9010, 49.8418, -120.0622

Sweetspot

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



166.1080, 3.3978, 77.0813



228.0830, 0.9451, 23.6062



159.1960, 46.7384, 35.7851



111.6150, 0.6828, 14.3696



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.



166.1080, 3.3978, 77.0813



149.4350, 4.2225, 92.5805



167.6970, -23.5146, 75.6877



119.4570, 0.2677, 7.4922



65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463

Inverse Universe

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



166.1080, 3.3978, 77.0813



149.4350, 4.2225, 92.5805



206.3030, 23.5146, -75.6877



119.4570, 0.2677, 7.4922



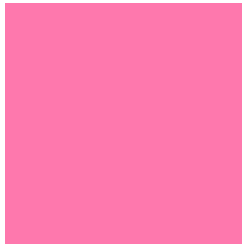
65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 166.1080, 3.3978, 77.0813 looks on a white background.

Color Contrast Check

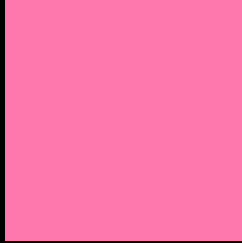
Large Text (above 18pt) WCAG AA × Fail

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 166.1080, 3.3978, 77.0813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

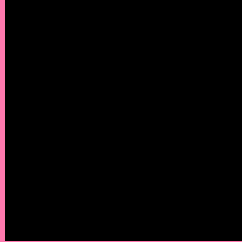
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.1080, 3.3978, 77.0813

Background



This preview shows how black text looks on a background with the YUV color 166.1080, 3.3978, 77.0813.



This preview shows how white text looks on a background with the YUV color 166.1080, 3.3978,

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

166.1080, 3.3978, 77.0813

Protanopia

166.1250, 17.1934, -8.0026

Deuteranopia

166.7780, 0.1094, 11.5957



Tritanopia

165.1020, -14.3473, 75.3325

Trichromacy



Original Color

166.1080, 3.3978, 77.0813



Protanomaly

166.0580, 12.2964, 22.7511



Deuteranomaly

166.2740, 1.3439, 35.7167



Tritanomaly

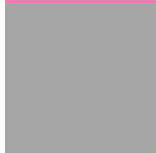
165.1220, -7.9481, 76.1920

Monochromacy



Original Color

166.1080, 3.3978, 77.0813



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.9310, 1.5130, 28.1245

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1080, 3.3978, 77.0813 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(254, 120, 173)` looks like.

```
.text, #text, p{  
    color:rgb(254, 120, 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(254, 120, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 120, 173) }
```

Border

The CSS property to change the border of an element to YUV 166.1080, 3.3978, 77.0813 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(254, 120, 173) }
```


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

```
.border{ border-color:rgb(254, 120, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 120, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 120, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 120, 173);  
box-shadow:4px 4px 4px 4px rgb(254, 120,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 166.1080, 3.3978, 77.0813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 120, 173) }
```

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

```
.background{ background-color: rgb(254,  
120, 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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