

Converting Colors

YUV(167.6730, 23.3322,
76.5858)

Have a look what the booklet for
YUV(167.6730, 23.3322, 76.5858)
contains.

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Color

**YUV(167.6730, 23.3322,
76.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	FF72D7
RGB	255, 114, 215
RGB Percent	100%, 45%, 84%
CMY	0.0000, 0.5529, 0.1569
CMYK	0.00, 0.55, 0.16, 0.00
HSL	317°, 100%, 72%
HSV	317°, 55%, 100%
XYZ	59.5231, 38.2009, 68.5263
YIQ	167.6730, 51.6150, 61.3030

Conversions

Conversions Part 2

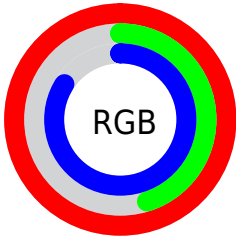
Format	Color
RYB	255, 114, 215
Decimal	16741079
CIELab	68.17, 64.98, -26.28
CIElCh	68, 70.095, 337.984
Yxy	38.2009, 0.3580, 0.2298
Android (android.graphics.Color)	4294931159 (0xFFFF72D7)
YUV	167.6730, 23.3322, 76.5858
Hunter-Lab	61.8069, 63.7421, -22.4709

Details

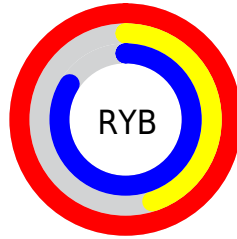
The YUV color **167.6730, 23.3322, 76.5858** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **201.3270, -23.3322, -76.5858**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6920, 24.3088, 43.2431**, and **108.8300, 25.2268, 75.5711** is the 20% darker color. If you saturate the color by 10%, you get **152.2000, 27.5094, 90.1556**, and if you desaturate by 10%, it is **183.7330, 18.8656, 62.5012**.

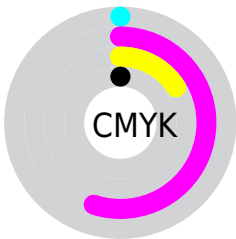
Distribution



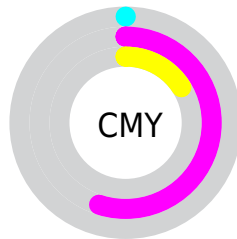
- Red (100%)
- Green (45%)
- Blue (84%)



- Red (100%)
- Yellow (45%)
- Blue (84%)



- Cyan (0%)
- Magenta (55%)
- Yellow (16%)
- Black (0%)




- Cyan (0%)
- Magenta (55%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YUV color 167.6730, 23.3322, 76.5858 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 167.6730, 23.3322, 76.5858 by changing the saturation by 10% instead.

 167.6730, 23.3322,
76.5858


 167.6730, 23.3322,
76.5858


255.0000, 0.0000,
0.0000

 138.4880, 23.9164,
75.8710

 205.6920, 24.3088,
43.2431


 108.8300, 25.2268,
75.5711


 222.7150, 15.9165,
28.3139

 73.7150, 29.7205,
80.9339

 239.7380, 7.5242,
13.3848

 53.5740, 26.8320,
74.0416

 42.1670, 20.6237,
58.6125

 31.3580, 14.1205,
44.4130

 21.3750, 8.1961,

31.2431

■ 8.7720, 2.5774,
13.3550

■ 0.0000, 0.0000,
0.0000

■ 167.6730, 23.3322,
76.5858

■ 167.6730, 23.3322,
76.5858

■ 152.2000, 27.5094,
90.1556

■ 183.7330, 18.8656,
62.5012

■ 136.1400, 31.9760,
104.2402

■ 199.2060, 14.6884,
48.9313

■ 119.9660, 36.0058,
118.4248

■ 215.3800, 10.6587,
34.7467

■ 104.4930, 40.1830,
131.9946

■ 230.8530, 6.4815,
21.1769

97.1070, 42.3452,
138.4722

246.9130, 2.0149,
7.0923

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



169.2340, 42.2826, 18.2118



167.6730, 23.3322, 76.5858



154.0340, -1.0028, 88.5472

Triad

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



167.6730, 23.3322, 76.5858



154.7610, -71.3672, 23.8886



141.5800, 50.0001, -124.1657

Complementary

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



167.6730, 23.3322, 76.5858



201.3270, -23.3322, -76.5858

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.



135.8000, 22.7766, -119.0966



167.6730, 23.3322, 76.5858



148.5920, -45.1549, -30.3372

Square

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



167.6730, 23.3322, 76.5858



160.5270, -59.4198, 65.3128



126.5150, -5.1839, -110.9537



138.2520, 57.5568, -121.2470

Rectangle

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



167.6730, 23.3322, 76.5858



154.0560, -21.2266, 88.5279



126.5150, -5.1839, -110.9537



140.0010, 41.4115, -122.7809

Sweetspot

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



167.6730, 23.3322, 76.5858



228.3910, 7.2022, 23.3361



142.0340, 55.6922, 10.4942



111.8260, 4.0298, 14.1846



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.



167.6730, 23.3322, 76.5858



150.9120, 27.6514, 91.2852



159.6930, -7.2436, 83.5842



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Inverse Universe

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



167.6730, 23.3322, 76.5858



150.9120, 27.6514, 91.2852



209.3070, 7.2436, -83.5842



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 167.6730, 23.3322, 76.5858 looks on a white background.

Color Contrast Check

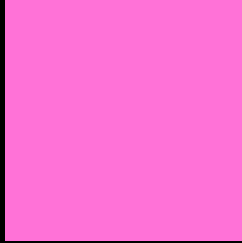
Large Text (above 18pt) WCAG AA × Fail

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 167.6730, 23.3322, 76.5858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

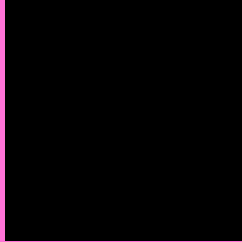
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.6730, 23.3322, 76.5858

Background



This preview shows how black text looks on a background with the YUV color 167.6730, 23.3322, 76.5858.



This preview shows how white text looks on a background with the YUV color 167.6730, 23.3322, 76.5858.

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

167.6730, 23.3322, 76.5858

Protanopia

165.4750, 43.1498, -26.7266

Deuteranopia

167.7170, 19.3665, -5.0138



Tritanopia

166.8240, -12.7312, 70.3144

Trichromacy



Original Color

167.6730, 23.3322, 76.5858



Protanomaly

166.4690, 35.7578, 10.9897



Deuteranomaly

167.6590, 20.8741, 24.8551



Tritanomaly

167.2770, 0.3564, 72.5481

Monochromacy



Original Color

167.6730, 23.3322, 76.5858



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.7660, 8.4964, 28.2692

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6730, 23.3322, 76.5858 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(255, 114, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 114, 215)  
}
```

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(255, 114, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 114, 215) }
```

Border

The CSS property to change the border of an element to YUV 167.6730, 23.3322, 76.5858 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(255, 114, 215) }
```


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

```
.border{ border-color:rgb(255, 114, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 114, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 114, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 114, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 114,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 167.6730, 23.3322, 76.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 114, 215) }
```

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

```
.background{ background-color: rgb(255,  
114, 215) }
```

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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