

Converting Colors

YUV(163.2730, 13.1764,
67.2896)

Have a look what the booklet for
YUV(163.2730, 13.1764, 67.2896)
contains.

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Color

**YUV(163.2730, 13.1764,
67.2896)**

Conversions

Conversions Part 1

Format	Color
Hex	F077BE
RGB	240, 119, 190
RGB Percent	94%, 47%, 75%
CMY	0.0588, 0.5333, 0.2549
CMYK	0.00, 0.50, 0.21, 0.06
HSL	325°, 80%, 70%
HSV	325°, 50%, 94%
XYZ	51.8263, 35.4366, 52.8236
YIQ	163.2730, 49.3250, 47.7330

Conversions

Conversions Part 2

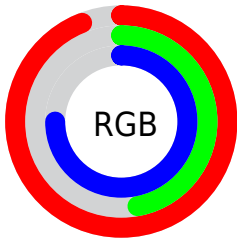
Format	Color
R _Y B	240, 119, 190
Decimal	15759294
CIE Lab	66.09, 54.66, -15.62
CIE LCh	66, 56.847, 344.049
Yxy	35.4366, 0.3700, 0.2530
Android (android.graphics.Color)	4293949374 (0xFFFF077BE)
YUV	163.2730, 13.1764, 67.2896
Hunter-Lab	59.5287, 51.2288, -10.9418

Details

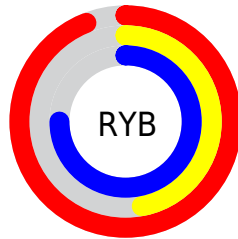
The YUV color **163.2730, 13.1764, 67.2896** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **195.7270, -13.1764, -67.2896**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0140, 19.2201, 42.0837**, and **107.3050, 14.6396, 64.6305** is the 20% darker color. If you saturate the color by 10%, you get **148.0450, 15.7538, 80.6445**, and if you desaturate by 10%, it is **178.5010, 10.5990, 53.9346**.

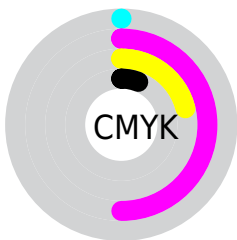
Distribution



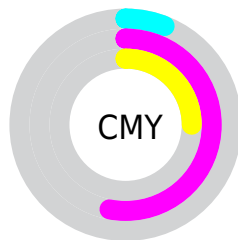
- Red (94%)
- Green (47%)
- Blue (75%)



- Red (94%)
- Yellow (47%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (21%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.2730, 13.1764, 67.2896 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 163.2730, 13.1764, 67.2896 by changing the saturation by 10% instead.

163.2730, 13.1764,
67.2896

163.2730, 13.1764,
67.2896

255.0000, 0.0000,
0.0000

135.3760, 13.6186,
65.4452

207.0140, 19.2201,
42.0837

107.3050, 14.6396,
64.6305

224.4760, 15.0483,
26.7695

78.3590, 16.0920,
65.4602

241.4990, 6.6560,
11.8404

47.2930, 19.5756,
68.1490

36.1850, 13.2198,
53.3348

25.6040, 7.5902,
38.9353

16.0340, 1.9552,

26.2802

■ 0.0000, 0.0000,
0.0000

■ 163.2730, 13.1764,
67.2896

■ 163.2730, 13.1764,
67.2896

■ 148.0450, 15.7538,
80.6445

■ 178.5010, 10.5990,
53.9346

■ 132.8170, 18.3312,
93.9995

■ 193.7290, 8.0216,
40.5797

■ 117.5890, 20.9086,
107.3544

■ 208.9570, 5.4442,
27.2247

■ 102.3610, 23.4860,
120.7094

■ 224.1850, 2.8668,
13.8698

■ 87.8340, 26.2108,
133.4496

■ 239.4130, 0.2894,
0.5148

■ 249.9450, 0.0271,
-8.7218

■ 250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



165.4000, 33.8198, 25.9592



163.2730, 13.1764, 67.2896



159.5960, -10.1538, 83.6693

Triad

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



163.2730, 13.1764, 67.2896



152.6450, -48.6320, 11.7123



133.6410, 47.5050, -117.2032

Complementary

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



163.2730, 13.1764, 67.2896



195.7270, -13.1764, -67.2896

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.



130.1580, 26.5441, -114.1486



163.2730, 13.1764, 67.2896



145.7670, -30.4511, -33.1217

Square

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



163.2730, 13.1764, 67.2896



156.6910, -48.1617, 47.6290



122.9420, 3.9726, -107.8201



131.2080, 61.0295, -115.0694

Rectangle

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



163.2730, 13.1764, 67.2896



159.0350, -26.1463, 79.7763



122.9420, 3.9726, -107.8201



132.6320, 41.1004, -116.3183

Sweetspot

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



163.2730, 13.1764, 67.2896



230.8700, 4.0081, 21.1620



147.1460, 45.7770, 17.4120



113.3590, 2.2880, 12.8402



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.



163.2730, 13.1764, 67.2896



156.1320, 17.1899, 86.7072



156.5470, -12.5947, 73.1883



112.3860, 1.2887, 6.6775



67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Inverse Universe

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



163.2730, 13.1764, 67.2896



156.1320, 17.1899, 86.7072



202.4530, 12.5947, -73.1883



112.3860, 1.2887, 6.6775



67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 163.2730, 13.1764, 67.2896 looks on a white background.

Color Contrast Check

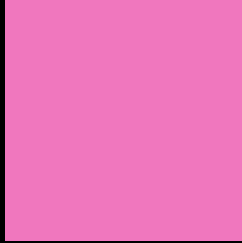
Large Text (above 18pt) WCAG AA × Fail

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 163.2730, 13.1764, 67.2896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

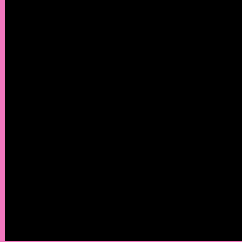
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.2730, 13.1764, 67.2896

Background



This preview shows how black text looks on a background with the YUV color 163.2730, 13.1764, 67.2896.



This preview shows how white text looks on a background with the YUV color 163.2730, 13.1764,

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

163.2730, 13.1764, 67.2896

Protanopia

161.2410, 27.9822, -15.1204

Deuteranopia

162.7690, 10.4669, 2.8336



Tritanopia

162.4210, -11.5466, 63.6518

Trichromacy



Original Color

163.2730, 13.1764, 67.2896



Protanomaly

161.7610, 22.7958, 15.1186



Deuteranomaly

162.8520, 11.4120, 26.4398



Tritanomaly

162.8370, -2.3846, 65.0410

Monochromacy



Original Color

163.2730, 13.1764, 67.2896



Achromatopsia

163.0000, 0.0000, 0.0000



Achromatomaly

163.1200, 4.8708, 24.4508

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.2730, 13.1764, 67.2896 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(240, 119, 190)` looks like.

```
.text, #text, p{  
    color:rgb(240, 119, 190)  
}
```

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(240, 119, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 119, 190) }
```

Border

The CSS property to change the border of an element to YUV 163.2730, 13.1764, 67.2896 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(240, 119, 190) }
```


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

```
.border{ border-color:rgb(240, 119, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 119, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 119, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 119, 190);  
box-shadow:4px 4px 4px 4px rgb(240, 119,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 163.2730, 13.1764, 67.2896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 119, 190) }
```

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

```
.background{ background-color: rgb(240,  
119, 190) }
```

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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