

Converting Colors

YUV(170.4590, 27.8747,
66.2495)

Have a look what the booklet for
YUV(170.4590, 27.8747, 66.2495)
contains.

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Color

**YUV(170.4590, 27.8747,
66.2495)**

Conversions

Conversions Part 1

Format	Color
Hex	F679E3
RGB	246, 121, 227
RGB Percent	96%, 47%, 89%
CMY	0.0353, 0.5255, 0.1098
CMYK	0.00, 0.51, 0.08, 0.04
HSL	309°, 87%, 72%
HSV	309°, 51%, 96%
XYZ	58.7085, 38.8136, 77.0705
YIQ	170.4590, 40.4740, 59.4660

Conversions

Conversions Part 2

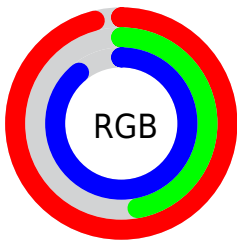
Format	Color
R _Y B	246, 121, 227
Decimal	16153059
CIE Lab	68.62, 61.09, -32.35
CIE LCh	69, 69.131, 332.098
Yxy	38.8136, 0.3363, 0.2223
Android (android.graphics.Color)	4294343139 (0xFFFF679E3)
YUV	170.4590, 27.8747, 66.2495
Hunter-Lab	62.3006, 59.1823, -29.7358

Details

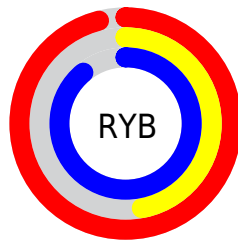
The YUV color **170.4590, 27.8747, 66.2495** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **196.5410, -27.8747, -66.2495**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2140, 22.5725, 40.1543**, and **113.5620, 28.3169, 64.4051** is the 20% darker color. If you saturate the color by 10%, you get **155.3280, 33.3623, 79.5193**, and if you desaturate by 10%, it is **185.5900, 22.3871, 52.9796**.

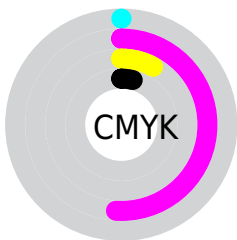
Distribution



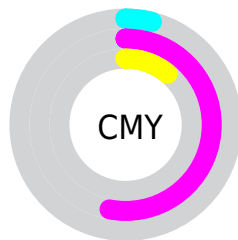
- Red (96%)
- Green (47%)
- Blue (89%)



- Red (96%)
- Yellow (47%)
- Blue (89%)



- Cyan (0%)
- Magenta (51%)
- Yellow (8%)
- Black (4%)




- Cyan (4%)
- Magenta (53%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.4590, 27.8747, 66.2495 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 170.4590, 27.8747, 66.2495 by changing the saturation by 10% instead.


 170.4590, 27.8747,
66.2495


 170.4590, 27.8747,
66.2495


255.0000, 0.0000,
0.0000

 141.8610, 28.1695,
65.0199


 209.2140, 22.5725,
40.1543


 113.5620, 28.3169,
64.4051

 226.2370, 14.1802,
25.2252

 83.4420, 30.3481,
66.2644

 243.2600, 5.7878,
10.2960

 52.4360, 32.8161,
68.0236

 41.3990, 25.4393,
54.0241

 30.5900, 18.9361,
39.8246

 20.9060, 12.8643,

27.2694

■ 7.6340, 8.5614,
7.3370

■ 0.0000, 0.0000,
0.0000

■ 170.4590, 27.8747,
66.2495

■ 170.4590, 27.8747,
66.2495

■ 155.3280, 33.3623,
79.5193

■ 185.5900, 22.3871,
52.9796

■ 140.8980, 38.9973,
92.1745

■ 200.0200, 16.7521,
40.3245

■ 125.7670, 44.4849,
105.4443

■ 215.1510, 11.2646,
27.0546

■ 111.2230, 49.6831,
118.1994

■ 229.6950, 6.0664,
14.2995

97.3800, 55.0287,
130.3397

244.8260, 0.5788,
1.0296

251.6250, -1.2941,
-4.9331

252.0810, 0.4531,
-5.3330

252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



168.2600, 42.7628, 4.1570



170.4590, 27.8747, 66.2495



157.3910, 4.2442, 85.6031

Triad

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



170.4590, 27.8747, 66.2495



157.7990, -68.9209, 32.6253



141.5000, 44.6165, -124.0955

Complementary

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



170.4590, 27.8747, 66.2495



196.5410, -27.8747, -66.2495

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.



135.0190, 17.2456, -118.4117



170.4590, 27.8747, 66.2495



152.2900, -50.4290, -18.6713

Square

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



170.4590, 27.8747, 66.2495



162.3520, -53.9105, 71.6053



124.7880, -9.2625, -109.4391



140.0130, 56.6886, -122.7914

Rectangle

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



170.4590, 27.8747, 66.2495



154.9510, -15.2588, 87.7430



124.7880, -9.2625, -109.4391



139.9210, 36.0279, -122.7107

Sweetspot

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



170.4590, 27.8747, 66.2495



232.0100, 8.3761, 20.1622



140.9310, 51.7990, -0.8165



114.0430, 4.9088, 12.2403



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.



170.4590, 27.8747, 66.2495



160.6920, 34.6618, 82.7081



163.3910, 0.7932, 72.4481



114.8420, 3.0359, 6.2776



73.6260, 41.5964, 98.5520



23.3410, 13.1429, 31.2729

Inverse Universe

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



170.4590, 27.8747, 66.2495



160.6920, 34.6618, 82.7081



203.6090, -0.7932, -72.4481



114.8420, 3.0359, 6.2776



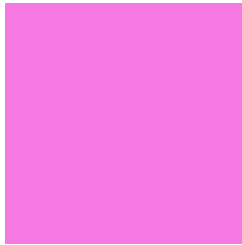
73.6260, 41.5964, 98.5520



23.3410, 13.1429, 31.2729

Previews

White Background



This preview shows how the YUV color 170.4590, 27.8747, 66.2495 looks on a white background.

Color Contrast Check

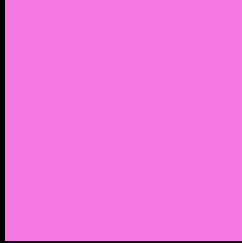
Large Text (above 18pt) WCAG AA × Fail

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 170.4590, 27.8747, 66.2495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

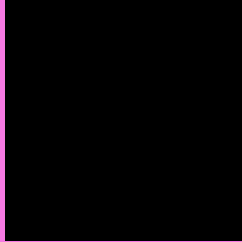
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.4590, 27.8747, 66.2495

Background



This preview shows how black text looks on a background with the YUV color 170.4590, 27.8747, 66.2495.



This preview shows how white text looks on a background with the YUV color 170.4590, 27.8747,

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

170.4590, 27.8747, 66.2495

Protanopia

166.5890, 43.5866, -26.8266

Deuteranopia

168.4650, 24.9138, -10.9318



Tritanopia

169.4420, -10.0779, 59.2484

Trichromacy



Original Color

170.4590, 27.8747, 66.2495



Protanomaly

168.0170, 37.9526, 7.0011



Deuteranomaly

169.2820, 25.9900, 17.2927



Tritanomaly

169.4220, 3.7360, 61.8969

Monochromacy



Original Color

170.4590, 27.8747, 66.2495



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.2000, 10.2544, 24.3806

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4590, 27.8747, 66.2495 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(246, 121, 227)` looks like.

```
.text, #text, p{  
    color:rgb(246, 121, 227)  
}
```

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(246, 121, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 121, 227) }
```

Border

The CSS property to change the border of an element to YUV 170.4590, 27.8747, 66.2495 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(246, 121, 227) }
```


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

```
.border{ border-color:rgb(246, 121, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 121, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 121, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 121, 227);  
box-shadow:4px 4px 4px 4px rgb(246, 121,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 170.4590, 27.8747, 66.2495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 121, 227) }
```

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

```
.background{ background-color: rgb(246,  
121, 227) }
```

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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