

Converting Colors

YUV(170.5810, 19.4336,
67.0195)

Have a look what the booklet for
YUV(170.5810, 19.4336, 67.0195)
contains.

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Color

**YUV(170.5810, 19.4336,
67.0195)**

Conversions

Conversions Part 1

Format	Color
Hex	F77CD2
RGB	247, 124, 210
RGB Percent	97%, 49%, 82%
CMY	0.0314, 0.5137, 0.1765
CMYK	0.00, 0.50, 0.15, 0.03
HSL	318°, 88%, 73%
HSV	318°, 50%, 97%
XYZ	57.1983, 38.8426, 65.4555
YIQ	170.5810, 45.7020, 52.8220

Conversions

Conversions Part 2

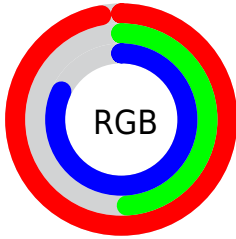
Format	Color
R _{YB}	247, 124, 210
Decimal	16219346
CIE _{Lab}	68.64, 57.32, -22.87
CIE _{LCh}	69, 61.714, 338.250
Yxy	38.8426, 0.3542, 0.2405
Android (android.graphics.Color)	4294409426 (0xFFF77CD2)
YUV	170.5810, 19.4336, 67.0195
Hunter-Lab	62.3238, 54.7533, -18.6425

Details

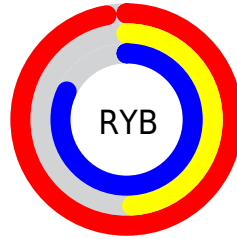
The YUV color **170.5810, 19.4336, 67.0195** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **200.4190, -19.4336, -67.0195**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9750, 21.7043, 38.6099**, and **114.3850, 20.0232, 64.5604** is the 20% darker color. If you saturate the color by 10%, you get **155.1080, 23.6108, 80.5893**, and if you desaturate by 10%, it is **186.0540, 15.2564, 53.4496**.

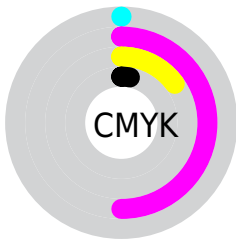
Distribution



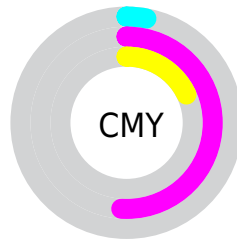
- Red (97%)
- Green (49%)
- Blue (82%)



- Red (97%)
- Yellow (49%)
- Blue (82%)



- Cyan (0%)
- Magenta (50%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (51%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.5810, 19.4336, 67.0195 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 170.5810, 19.4336, 67.0195 by changing the saturation by 10% instead.


 170.5810, 19.4336,
67.0195


 170.5810, 19.4336,
67.0195


255.0000, 0.0000,
0.0000


 141.9830, 19.7284,
65.7899


 210.9750, 21.7043,
38.6099


 114.3850, 20.0232,
64.5604


 227.9980, 13.3120,
23.6808

 85.4390, 21.4756,
65.3900

 245.0210, 4.9196,
8.7516

 51.0250, 26.1167,
70.1381

 40.2160, 19.6135,
55.9386

 29.4070, 13.1103,
41.7391

 19.8370, 7.4754,

29.0840

■ 5.9950, 0.9885,
9.6514

■ 0.0000, 0.0000,
0.0000

■ 170.5810, 19.4336,
67.0195

■ 170.5810, 19.4336,
67.0195

■ 155.1080, 23.6108,
80.5893

■ 186.0540, 15.2564,
53.4496

■ 140.1080, 27.0618,
93.7443

■ 201.0540, 11.8054,
40.2946

■ 124.6350, 31.2389,
107.3141

■ 216.5270, 7.6282,
26.7248

■ 109.0480, 34.9793,
120.9839

■ 232.1140, 3.8878,
13.0550

■ 94.1620, 38.8671,
134.0389

■ 247.5870, -0.2894,
-0.5148

■ 93.5750, 39.1565,
134.5537

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



171.5820, 41.1251, 16.1526



170.5810, 19.4336, 67.0195



161.8930, -3.8912, 81.6548

Triad

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



170.5810, 19.4336, 67.0195



159.7510, -56.0792, 20.3894



140.0810, 46.7951, -122.8510

Complementary

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



170.5810, 19.4336, 67.0195



200.4190, -19.4336, -67.0195

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.



135.2130, 23.0660, -118.5818



170.5810, 19.4336, 67.0195



153.2210, -39.0560, -26.5038

Square

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



170.5810, 19.4336, 67.0195



163.6600, -51.1044, 58.1802



126.8400, -1.4001, -111.2387



137.0780, 58.1355, -120.2174

Rectangle

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



170.5810, 19.4336, 67.0195



161.3110, -21.3523, 82.1653



126.8400, -1.4001, -111.2387



138.8440, 39.5169, -121.7662

Sweetspot

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



170.5810, 19.4336, 67.0195



231.3260, 5.7553, 20.7621



149.0850, 48.2721, 10.4495



113.7010, 3.5984, 12.5402



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.



170.5810, 19.4336, 67.0195



159.9450, 24.1841, 83.3632



163.6270, -7.2111, 73.1181



114.6140, 2.1623, 6.4775



70.4340, 29.3660, 101.3514



22.3150, 9.2117, 32.1727

Inverse Universe

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



170.5810, 19.4336, 67.0195



159.9450, 24.1841, 83.3632



207.3730, 7.2111, -73.1181



114.6140, 2.1623, 6.4775



70.4340, 29.3660, 101.3514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 170.5810, 19.4336, 67.0195 looks on a white background.

Color Contrast Check

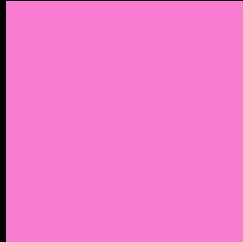
Large Text (above 18pt) WCAG AA × Fail

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 170.5810, 19.4336, 67.0195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

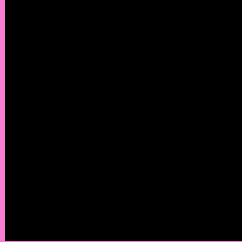
Any Text WCAG AA ✓ Pass

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 170.5810, 19.4336, 67.0195 Background



This preview shows how black text looks on a background with the YUV color 170.5810, 19.4336, 67.0195.



This preview shows how white text looks on a background with the YUV color 170.5810, 19.4336,

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

170.5810, 19.4336, 67.0195

Protanopia

167.3850, 36.2922, -20.5086

Deuteranopia

169.0440, 16.7403, -2.6696



Tritanopia

169.6380, -10.6675, 61.7075

Trichromacy



Original Color

170.5810, 19.4336, 67.0195



Protanomaly

168.3890, 30.3742, 11.0598



Deuteranomaly

169.2520, 18.1168, 22.5810



Tritanomaly

170.2220, 0.3836, 63.8263

Monochromacy



Original Color

170.5810, 19.4336, 67.0195



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.9890, 6.9074, 24.5656

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5810, 19.4336, 67.0195 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(247, 124, 210)` looks like.

```
.text, #text, p{  
    color:rgb(247, 124, 210)  
}
```

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(247, 124, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 124, 210) }
```

Border

The CSS property to change the border of an element to YUV 170.5810, 19.4336, 67.0195 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(247, 124, 210) }
```


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

```
.border{ border-color:rgb(247, 124, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 124, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 124, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 124, 210);  
box-shadow:4px 4px 4px 4px rgb(247, 124,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 170.5810, 19.4336, 67.0195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 124, 210) }
```

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

```
.background{ background-color: rgb(247,  
124, 210) }
```

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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