

Converting Colors

YUV(156.8610, 11.4075,
74.6669)

Have a look what the booklet for
YUV(156.8610, 11.4075, 74.6669)
contains.

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Color

**YUV(156.8610, 11.4075,
74.6669)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F26DB4 |
| RGB | 242, 109, 180 |
| RGB Percent | 95%, 43%, 71% |
| CMY | 0.0510, 0.5725, 0.2941 |
| CMYK | 0.00, 0.55, 0.26, 0.05 |
| HSL | 328°, 84%, 69% |
| HSV | 328°, 55%, 95% |
| XYZ | 50.3248, 33.1098, 46.9184 |
| YIQ | 156.8610, 56.4770, 50.2770 |

Conversions

Conversions Part 2

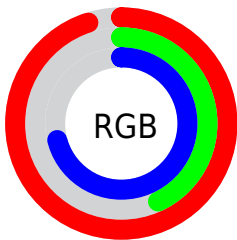
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 242, 109, 180 |
| Decimal | 15887796 |
| CIE Lab | 64.25, 58.60, -12.70 |
| CIE LCh | 64, 59.956, 347.770 |
| Yxy | 33.1098, 0.3861, 0.2540 |
| Android (android.graphics.Color) | 4294077876 (0xFFFF26DB4) |
| YUV | 156.8610, 11.4075, 74.6669 |
| Hunter-Lab | 57.5411, 55.4171, -8.0657 |

Details

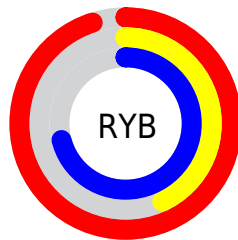
The YUV color **156.8610, 11.4075, 74.6669** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **194.1390, -11.4075, -74.6669**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0040, 17.7460, 48.2315**, and **99.7190, 13.4495, 73.0374** is the 20% darker color. If you saturate the color by 10%, you get **141.5190, 13.5481, 88.1218**, and if you desaturate by 10%, it is **172.2030, 9.2669, 61.2120**.

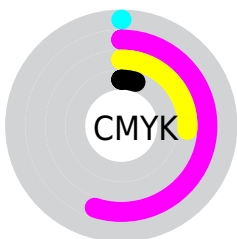
Distribution



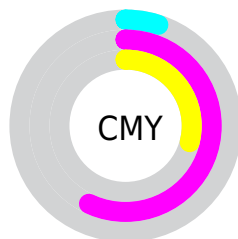
- Red (95%)
- Green (43%)
- Blue (71%)



- Red (95%)
- Yellow (43%)
- Blue (71%)



- Cyan (0%)
- Magenta (55%)
- Yellow (26%)
- Black (5%)





- Cyan (5%)
- Magenta (57%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 156.8610, 11.4075, 74.6669 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 156.8610, 11.4075, 74.6669 by changing the saturation by 10% instead.


 156.8610, 11.4075,
74.6669


 156.8610, 11.4075,
74.6669


255.0000, 0.0000,
0.0000

 128.3770, 12.1391,
73.3374


 200.0040, 17.7460,
48.2315

 99.7190, 13.4495,
73.0374


 219.1930, 17.6529,
31.4027


 65.8920, 17.8012,
77.2707

 236.2160, 9.2605,
16.4736

 46.2670, 15.6444,
69.0488

 253.2390, 0.8682,
1.5444

 35.2730, 9.7254,
54.1346

 24.8060, 4.5326,
39.6351

 14.3670, -3.1389,

26.8651

■ 0.0000, 0.0000,
0.0000

■ 156.8610, 11.4075,
74.6669

■ 156.8610, 11.4075,
74.6669

■ 141.5190, 13.5481,
88.1218

■ 172.2030, 9.2669,
61.2120

■ 126.0630, 15.2519,
101.6767

■ 187.6590, 7.5631,
47.6571

■ 110.1340, 17.6819,
115.6465

■ 203.5880, 5.1331,
33.6873

■ 94.7920, 19.8225,
129.1014

■ 218.9300, 2.9925,
20.2324

■ 87.0640, 20.6744,
135.8789

■ 234.2720, 0.8519,
6.7775

249.7280, -0.8519,
-6.7775

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



160.6290, 33.2139, 33.6514



156.8610, 11.4075, 74.6669



153.4070, -13.5117, 87.3431

Triad

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



156.8610, 11.4075, 74.6669



146.6290, -51.0891, 6.4644



131.1620, 50.6991, -115.0291

Complementary

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



156.8610, 11.4075, 74.6669



194.1390, -11.4075, -74.6669

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.



128.1520, 29.0121, -112.3893



156.8610, 11.4075, 74.6669



138.1680, -28.6768, -42.2433

Square

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



156.8610, 11.4075, 74.6669



150.5290, -52.5188, 45.1401



120.5940, 5.1302, -105.7609



127.6860, 62.7658, -111.9806

Rectangle

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



156.8610, 11.4075, 74.6669



152.8350, -29.4987, 81.7057



120.5940, 5.1302, -105.7609



130.7400, 44.0052, -114.6590

Sweetspot

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



156.8610, 11.4075, 74.6669



228.7670, 3.5659, 23.0063



142.1020, 49.2497, 23.5895



111.9570, 1.9932, 14.0697



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.



156.8610, 11.4075, 74.6669



147.4920, 14.5474, 94.2845



149.5650, -16.5475, 81.0655



112.2720, 0.8519, 6.7775



66.1880, 15.6833, 103.3211



20.1640, 4.8491, 31.4282

Inverse Universe

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



156.8610, 11.4075, 74.6669



147.4920, 14.5474, 94.2845



201.4350, 16.5475, -81.0655



112.2720, 0.8519, 6.7775



66.1880, 15.6833, 103.3211



20.1640, 4.8491, 31.4282

Previews

White Background



This preview shows how the YUV color 156.8610, 11.4075, 74.6669 looks on a white background.

Color Contrast Check

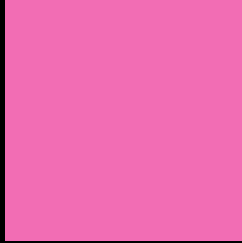
Large Text (above 18pt) WCAG AA × Fail

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 156.8610, 11.4075, 74.6669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

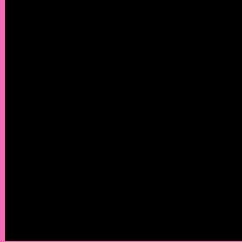
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.8610, 11.4075, 74.6669

Background



This preview shows how black text looks on a background with the YUV color 156.8610, 11.4075, 74.6669.



This preview shows how white text looks on a background with the YUV color 156.8610, 11.4075,

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

156.8610, 11.4075, 74.6669

Protanopia

156.3120, 26.9612, -14.3056

Deuteranopia

157.6830, 7.5513, 4.6630



Tritanopia

156.0090, -13.3154, 71.0291

Trichromacy



Original Color

156.8610, 11.4075, 74.6669



Protanomaly

156.7290, 21.3326, 17.7777



Deuteranomaly

157.3040, 9.2171, 30.4284



Tritanomaly

156.4250, -4.1535, 72.4183

Monochromacy



Original Color

156.8610, 11.4075, 74.6669



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.2020, 3.8444, 27.0098

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.8610, 11.4075, 74.6669 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(242, 109, 180)` looks like.

```
.text, #text, p{  
    color:rgb(242, 109, 180)  
}
```

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(242, 109, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 109, 180) }
```

Border

The CSS property to change the border of an element to YUV 156.8610, 11.4075, 74.6669 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(242, 109, 180) }
```


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

```
.border{ border-color:rgb(242, 109, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 109, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 109, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 109, 180);  
box-shadow:4px 4px 4px 4px rgb(242, 109,  
180) }
```

Background

The CSS property to change the background color of an element to YUV 156.8610, 11.4075, 74.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 109, 180) }
```

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

```
.background{ background-color: rgb(242,  
109, 180) }
```

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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