

Converting Colors

YUV(136.0810, 0.9461, 70.0890)

Have a look what the booklet for
YUV(136.0810, 0.9461, 70.0890)
contains.

YUV(136.0810, 0.9461, 70.0890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(136.0810, 0.9461,
70.0890)**

Conversions

Conversions Part 1

Format	Color
Hex	D85F8A
RGB	216, 95, 138
RGB Percent	85%, 37%, 54%
CMY	0.1529, 0.6275, 0.4588
CMYK	0.00, 0.56, 0.36, 0.15
HSL	339°, 61%, 61%
HSV	339°, 56%, 85%
XYZ	36.9986, 24.6183, 26.8465
YIQ	136.0810, 58.3130, 39.0250

Conversions

Conversions Part 2

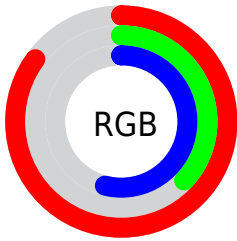
Format	Color
R _Y B	216, 95, 138
Decimal	14180234
CIE Lab	56.70, 51.71, -0.06
CIE LCh	57, 51.709, 359.929
Yxy	24.6183, 0.4182, 0.2783
Android (android.graphics.Color)	4292370314 (0xFFD85F8A)
YUV	136.0810, 0.9461, 70.0890
Hunter-Lab	49.6169, 46.2753, 2.6514

Details

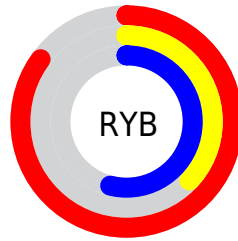
The YUV color **136.0810, 0.9461, 70.0890** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **174.9190, -0.9461, -70.0890**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0690, 2.4310, 60.4525**, and **79.8680, 4.0091, 67.6448** is the 20% darker color. If you saturate the color by 10%, you get **121.5710, 1.1975, 82.8142**, and if you desaturate by 10%, it is **150.5910, 0.6946, 57.3637**.

Distribution



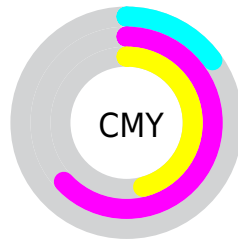
- Red (85%)
- Green (37%)
- Blue (54%)



- Red (85%)
- Yellow (37%)
- Blue (54%)



- Cyan (0%)
- Magenta (56%)
- Yellow (36%)
- Black (15%)





- Cyan (15%)
- Magenta (63%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.0810, 0.9461, 70.0890 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 136.0810, 0.9461, 70.0890 by changing the saturation by 10% instead.

 136.0810, 0.9461,
70.0890


 136.0810, 0.9461,
70.0890


255.0000, 0.0000,
0.0000

 108.4120, 2.2619,
68.0447


 186.0690, 2.4310,
60.4525


 79.8680, 4.0091,
67.6448


 205.6970, 6.5584,
43.2387


 45.9810, 9.3764,
72.8077

 225.4390, 11.1226,
25.9250

 35.1010, 3.8942,
57.7934

 243.2600, 5.7878,
10.2960

 24.4490, -0.7144,
42.5792

 14.5800, -6.2019,
29.3093

 0.0000, 0.0000,

0.0000

■ 136.0810, 0.9461,
70.0890

■ 136.0810, 0.9461,
70.0890

■ 121.5710, 1.1975,
82.8142

■ 150.5910, 0.6946,
57.3637

■ 107.6480, 1.1595,
95.0247

■ 164.5140, 0.7326,
45.1532

■ 93.1380, 1.4110,
107.7500

■ 179.0240, 0.4812,
32.4280

■ 79.2150, 1.3730,
119.9604

■ 192.9470, 0.5191,
20.2175

■ 73.3620, 1.7935,
125.0935

■ 207.4570, 0.2677,
7.4922

■ 221.9670, 0.0163,
-5.2331

■ 235.7760, -0.3826,
-17.3436

■ 242.6550, 3.1281,
-23.3764

■ 243.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



140.0790, 20.6671, 44.6577



136.0810, 0.9461, 70.0890



134.5870, -20.0094, 71.3992

Triad

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



136.0810, 0.9461, 70.0890



126.1290, -36.0526, -9.7601



113.5060, 49.0505, -99.5448

Complementary

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



136.0810, 0.9461, 70.0890



174.9190, -0.9461, -70.0890

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.



112.6790, 33.1893, -98.8195



136.0810, 0.9461, 70.0890



115.4940, -13.0615, -57.4382

Square

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



136.0810, 0.9461, 70.0890



130.9440, -45.3284, 25.4821



108.0220, 12.8072, -94.7353



111.2220, 56.5856, -89.6487

Rectangle

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



136.0810, 0.9461, 70.0890



133.9050, -32.4912, 61.4733



108.0220, 12.8072, -94.7353



113.6540, 44.5406, -99.6746

Sweetspot

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



136.0810, 0.9461, 70.0890



226.5670, 0.2135, 24.9357



131.8170, 41.5022, 35.2405



110.8000, 0.0986, 15.0844



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.



136.0810, 0.9461, 70.0890



142.0830, 1.4381, 99.0282



140.5710, -22.4665, 66.1512



99.7450, 0.1257, 6.3626



58.0830, 1.4381, 99.0282



14.5670, 0.2135, 24.9357

Inverse Universe

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



136.0810, 0.9461, 70.0890



142.0830, 1.4381, 99.0282



170.4290, 22.4665, -66.1512



99.7450, 0.1257, 6.3626



58.0830, 1.4381, 99.0282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 136.0810, 0.9461, 70.0890 looks on a white background.

Color Contrast Check

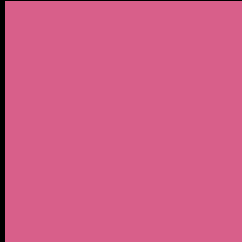
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.0810, 0.9461, 70.0890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

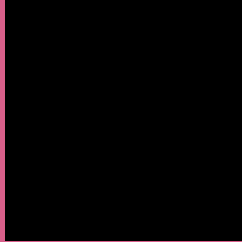
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.0810, 0.9461, 70.0890

Background



This preview shows how black text looks on a background with the YUV color 136.0810, 0.9461, 70.0890.



This preview shows how white text looks on a background with the YUV color 136.0810, 0.9461,

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

136.0810, 0.9461, 70.0890

Protanopia

136.9960, 12.8200, -5.2585

Deuteranopia

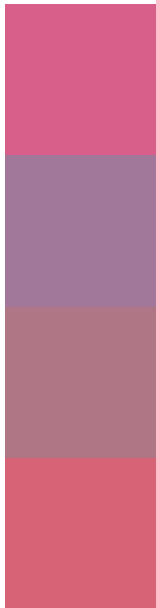
137.6810, -2.8007, 11.6808



Tritanopia

135.5850, -13.5994, 68.7700

Trichromacy



Original Color

136.0810, 0.9461, 70.0890

Protanomaly

136.4340, 8.6600, 22.4214

Deuteranomaly

137.4540, -1.7028, 32.9278

Tritanomaly

135.9640, -8.3633, 69.3146

Monochromacy



Original Color

136.0810, 0.9461, 70.0890

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.9800, 0.5029, 25.4505

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.0810, 0.9461, 70.0890 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(216, 95, 138)` looks like.

```
.text, #text, p{  
    color:rgb(216, 95, 138)  
}
```

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(216, 95, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 95, 138) }
```

Border

The CSS property to change the border of an element to YUV 136.0810, 0.9461, 70.0890 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(216, 95, 138) }
```


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

```
.border{ border-color:rgb(216, 95, 138) }
```

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

Here you see how a box with a 4 pixel rgb(216, 95, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 95, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 95, 138);  
box-shadow:4px 4px 4px 4px rgb(216, 95,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 136.0810, 0.9461, 70.0890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 95, 138) }
```

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

```
.background{ background-color: rgb(216, 95,  
138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor