

Converting Colors

YUV(132.8700, -2.4009,
70.2740)

Have a look what the booklet for
YUV(132.8700, -2.4009, 70.2740)
contains.

YUV(132.8700, -2.4009, 70.2740)	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(132.8700, -2.4009,
70.2740)**

Conversions

Conversions Part 1

Format	Color
Hex	D55D80
RGB	213, 93, 128
RGB Percent	84%, 36%, 50%
CMY	0.1647, 0.6353, 0.4980
CMYK	0.00, 0.56, 0.40, 0.16
HSL	342°, 59%, 60%
HSV	342°, 56%, 84%
XYZ	35.2512, 23.5333, 23.1065
YIQ	132.8700, 60.2850, 36.3250

Conversions

Conversions Part 2

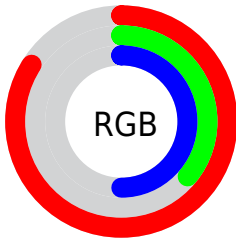
Format	Color
R_{YB}	213, 93, 128
Decimal	13983104
CIE _{Lab}	55.62, 50.54, 4.18
CIE _{LCh}	56, 50.714, 4.732
Yxy	23.5333, 0.4305, 0.2874
Android (android.graphics.Color)	4292173184 (0xFFD55D80)
YUV	132.8700, -2.4009, 70.2740
Hunter-Lab	48.5112, 44.8145, 5.7172

Details

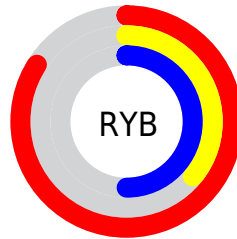
The YUV color **132.8700, -2.4009, 70.2740** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **173.1300, 2.4009, -70.2740**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1680, -1.0688, 62.9967**, and **76.7710, 1.0989, 67.7298** is the 20% darker color. If you saturate the color by 10%, you get **118.8330, -2.8757, 82.5845**, and if you desaturate by 10%, it is **146.9070, -1.9262, 57.9636**.

Distribution



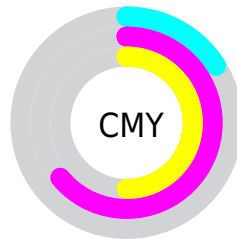
- Red (84%)
- Green (36%)
- Blue (50%)



- Red (84%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (56%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 132.8700, -2.4009, 70.2740 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 132.8700, -2.4009, 70.2740 by changing the saturation by 10% instead.

 132.8700, -2.4009,
70.2740

 132.8700, -2.4009,
70.2740


255.0000, 0.0000,
0.0000

 105.2010, -1.0851,
68.2297


 183.1680, -1.0688,
62.9967

 76.7710, 1.0989,
67.7298


 202.6820, 2.6218,
45.8829


 44.0580, 5.8874,
71.8631

 222.8970, 6.4598,
28.1543

 33.2920, 0.8420,
56.7489

 242.0860, 6.3666,
11.3256

 22.4120, -4.6401,
41.7347

 13.2700, -6.0491,
26.9502

 0.0000, 0.0000,

0.0000

■ 132.8700, -2.4009,
70.2740

■ 132.8700, -2.4009,
70.2740

■ 118.8330, -2.8757,
82.5845

■ 146.9070, -1.9262,
57.9636

■ 104.2090, -3.0610,
95.4097

■ 161.5310, -1.7408,
45.1383

■ 90.1720, -3.5358,
107.7202

■ 175.5680, -1.2660,
32.8279

■ 76.1350, -4.0106,
120.0306

■ 189.6050, -0.7913,
20.5174

■ 70.7550, -4.3162,
124.7489

■ 204.2290, -0.6059,
7.6922

■ 218.3800, 0.3057,
-4.7183

■ 232.4170, 0.7804,
-17.0287

■ 241.7580, 3.5703,
-25.2208

■ 242.4420, 6.1911,
-25.8206

Harmonies

Analogous

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



136.3030, 17.5986, 48.8463



132.8700, -2.4009, 70.2740



131.4680, -22.9087, 67.9956

Triad

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



132.8700, -2.4009, 70.2740



122.8940, -32.9787, -15.6930



111.0440, 49.7713, -97.3856

Complementary

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



132.8700, -2.4009, 70.2740



173.1300, 2.4009, -70.2740

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.



111.1460, 34.9310, -97.4750



132.8700, -2.4009, 70.2740



109.2090, -7.4980, -68.5893

Square

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



132.8700, -2.4009, 70.2740



127.5520, -44.1491, 20.5639



106.8310, 15.8593, -93.6908



120.8730, 49.3626, -59.5246

Rectangle

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



132.8700, -2.4009, 70.2740



130.8290, -33.9327, 57.1550



106.8310, 15.8593, -93.6908



111.3060, 45.6981, -97.6154

Sweetspot

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



132.8700, -2.4009, 70.2740



226.2250, -1.0969, 25.2357



131.7960, 40.0336, 39.6439



110.5720, -0.7750, 15.2844



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.



132.8700, -2.4009, 70.2740



139.4270, -3.6615, 101.3575



142.9680, -24.6342, 61.4181



99.7450, 0.1257, 6.3626



56.8290, -3.3667, 100.1280



14.3390, -0.6601, 25.1357

Inverse Universe

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



132.8700, -2.4009, 70.2740



139.4270, -3.6615, 101.3575



163.0320, 24.6342, -61.4181



99.7450, 0.1257, 6.3626



56.8290, -3.3667, 100.1280



14.3390, -0.6601, 25.1357

Previews

White Background



This preview shows how the YUV color 132.8700, -2.4009, 70.2740 looks on a white background.

Color Contrast Check

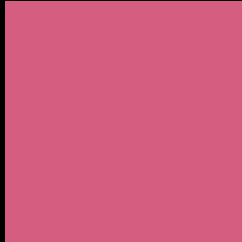
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.8700, -2.4009, 70.2740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

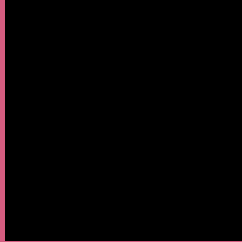
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.8700, -2.4009, 70.2740

Background



This preview shows how black text looks on a background with the YUV color 132.8700, -2.4009, 70.2740.



This preview shows how white text looks on a background with the YUV color 132.8700, -2.4009,

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

132.8700, -2.4009, 70.2740

Protanopia

134.4540, 8.1572, -3.0292

Deuteranopia

134.7800, -6.3005, 14.2249



Tritanopia

132.4710, -14.0362, 68.8699

Trichromacy



Original Color

132.8700, -2.4009, 70.2740

Protanomaly

133.7070, 4.5814, 23.9360

Deuteranomaly

134.2540, -5.0552, 34.8572

Tritanomaly

132.6220, -9.6736, 69.6145

Monochromacy



Original Color

132.8700, -2.4009, 70.2740

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.6380, -0.8075, 25.7505

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.8700, -2.4009, 70.2740 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(213, 93, 128)` looks like.

```
.text, #text, p{  
    color:rgb(213, 93, 128)  
}
```

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(213, 93, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 93, 128) }
```

Border

The CSS property to change the border of an element to YUV 132.8700, -2.4009, 70.2740 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(213, 93, 128) }
```


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

```
.border{ border-color:rgb(213, 93, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 93, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 93, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 93, 128); box-shadow:4px 4px 4px 4px rgb(213, 93, 128) }
```

Background

The CSS property to change the background color of an element to YUV 132.8700, -2.4009, 70.2740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 93, 128) }
```

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

```
.background{ background-color: rgb(213, 93,  
128) }
```

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