

Converting Colors

YUV(133.2660, 0.3619, 70.8037)

Have a look what the booklet for
YUV(133.2660, 0.3619, 70.8037)
contains.

YUV(133.2660, 0.3619, 70.8037)	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(133.2660, 0.3619,
70.8037)**

Conversions

Conversions Part 1

Format	Color
Hex	D65C86
RGB	214, 92, 134
RGB Percent	84%, 36%, 53%
CMY	0.1608, 0.6392, 0.4745
CMYK	0.00, 0.57, 0.37, 0.16
HSL	339°, 60%, 60%
HSV	339°, 57%, 84%
XYZ	35.8618, 23.6717, 25.2332
YIQ	133.2660, 59.2300, 38.9260

Conversions

Conversions Part 2

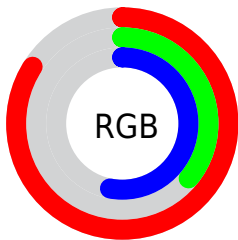
Format	Color
RYB	214, 92, 134
Decimal	14048390
CIELab	55.76, 52.00, 0.87
CIElCh	56, 52.007, 0.961
Yxy	23.6717, 0.4231, 0.2793
Android (android.graphics.Color)	4292238470 (0xFFD65C86)
YUV	133.2660, 0.3619, 70.8037
Hunter-Lab	48.6535, 46.4259, 3.3079

Details

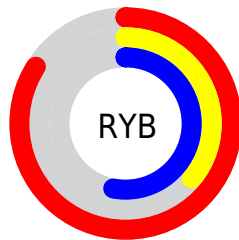
The YUV color **133.2660, 0.3619, 70.8037** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **172.7340, -0.3619, -70.8037**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.8520, 1.5520, 62.3968**, and **76.5800, 4.1511, 68.7743** is the 20% darker color. If you saturate the color by 10%, you get **119.3430, 0.3239, 83.0142**, and if you desaturate by 10%, it is **147.1890, 0.3998, 58.5932**.

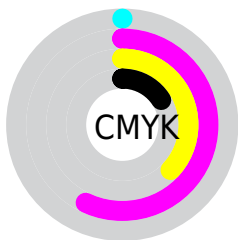
Distribution



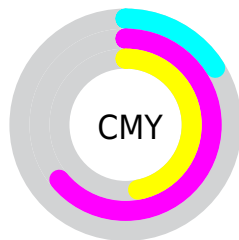
- Red (84%)
- Green (36%)
- Blue (53%)



- Red (84%)
- Yellow (36%)
- Blue (53%)



- Cyan (0%)
- Magenta (57%)
- Yellow (37%)
- Black (16%)




- Cyan (16%)
- Magenta (64%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2660, 0.3619, 70.8037 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 133.2660, 0.3619, 70.8037 by changing the saturation by 10% instead.

 133.2660, 0.3619,
70.8037


 133.2660, 0.3619,
70.8037


255.0000, 0.0000,
0.0000


 105.5970, 1.6777,
68.7594


 183.8520, 1.5520,
62.3968


 76.5800, 4.1511,
68.7743


 203.4800, 5.6794,
45.1830


 45.0410, 8.3608,
71.8780

 223.1080, 9.8068,
27.9693

 34.1610, 2.8786,
56.8638

 241.4990, 6.6560,
11.8404

 23.3950, -2.1667,
41.7496

 13.6830, -5.7597,
27.4650

 0.0000, 0.0000,

0.0000

■ 133.2660, 0.3619,
70.8037

■ 133.2660, 0.3619,
70.8037

■ 119.3430, 0.3239,
83.0142

■ 147.1890, 0.3998,
58.5932

■ 104.8330, 0.5753,
95.7395

■ 161.6990, 0.1484,
45.8680

■ 90.9100, 0.5374,
107.9499

■ 175.6220, 0.1864,
33.6575

■ 76.4000, 0.7888,
120.6752

■ 190.1320, -0.0651,
20.9322

■ 72.4220, 0.7780,
124.1639

■ 204.0550, -0.0271,
8.7218

■ 217.9780, 0.0108,
-3.4887

■ 232.4880, -0.2406,
-16.2140

■ 241.7150, 2.1125,
-24.3061

■ 242.7410, 6.0437,
-25.2059

Harmonies

Analogous

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



136.9760, 20.2248, 46.5020



133.2660, 0.3619, 70.8037



131.4730, -20.4462, 71.4992

Triad

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



133.2660, 0.3619, 70.8037



123.5310, -35.7578, -10.9897



111.6310, 49.4819, -97.9004

Complementary

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



133.2660, 0.3619, 70.8037



172.7340, -0.3619, -70.8037

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.



111.3910, 33.3312, -97.6899



133.2660, 0.3619, 70.8037



112.1130, -11.8877, -60.6121

Square

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



133.2660, 0.3619, 70.8037



128.1180, -45.9072, 24.4525



106.2610, 13.6753, -93.1909



109.8310, 56.2853, -86.6748

Rectangle

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



133.2660, 0.3619, 70.8037



131.3780, -33.2174, 61.0585



106.2610, 13.6753, -93.1909



112.3660, 44.6826, -98.5450

Sweetspot

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



133.2660, 0.3619, 70.8037



226.5670, 0.2135, 24.9357



129.5290, 41.6442, 36.3701



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.



133.2660, 0.3619, 70.8037



140.4530, 0.2697, 100.4577



139.0440, -23.1927, 65.7364



99.7450, 0.1257, 6.3626



57.8550, 0.5645, 99.2282



14.5670, 0.2135, 24.9357

Inverse Universe

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



133.2660, 0.3619, 70.8037



140.4530, 0.2697, 100.4577



166.9560, 23.1927, -65.7364



99.7450, 0.1257, 6.3626



57.8550, 0.5645, 99.2282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 133.2660, 0.3619, 70.8037 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 133.2660, 0.3619, 70.8037 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

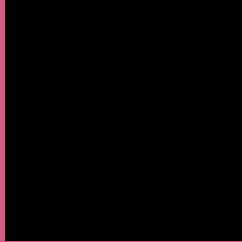
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.2660, 0.3619, 70.8037

Background



This preview shows how black text looks on a background with the YUV color 133.2660, 0.3619, 70.8037.



This preview shows how white text looks on a background with the YUV color 133.2660, 0.3619,

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

133.2660, 0.3619, 70.8037

Protanopia

134.7680, 11.9464, -5.0585

Deuteranopia

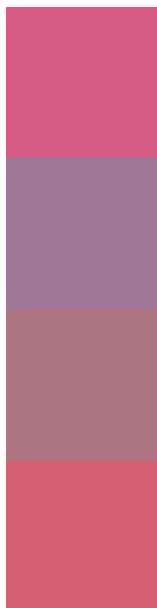
135.4530, -3.6743, 11.8807



Tritanopia

132.8840, -13.7468, 69.3847

Trichromacy



Original Color

133.2660, 0.3619, 70.8037

Protanomaly

134.2060, 7.7864, 22.6213

Deuteranomaly

134.6390, -2.2870, 33.6426

Tritanomaly

133.2630, -8.5107, 69.9293

Monochromacy



Original Color

133.2660, 0.3619, 70.8037

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8660, 0.0661, 25.5505

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2660, 0.3619, 70.8037 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(214, 92, 134)` looks like.

```
.text, #text, p{  
    color:rgb(214, 92, 134)  
}
```

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(214, 92, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 92, 134) }
```

Border

The CSS property to change the border of an element to YUV 133.2660, 0.3619, 70.8037 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(214, 92, 134) }
```


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

```
.border{ border-color:rgb(214, 92, 134) }
```

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

Here you see how a box with a 4 pixel rgb(214, 92, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 92, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 92, 134);  
box-shadow:4px 4px 4px 4px rgb(214, 92,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 133.2660, 0.3619, 70.8037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 92, 134) }
```

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

```
.background{ background-color: rgb(214, 92,  
134) }
```

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