

Converting Colors

YUV(70.6880, 30.7198, 87.0966)

Have a look what the booklet for
YUV(70.6880, 30.7198, 87.0966)
contains.

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Color

**YUV(70.6880, 30.7198,
87.0966)**

Conversions

Conversions Part 1

Format	Color
Hex	AA0885
RGB	170, 8, 133
RGB Percent	67%, 3%, 52%
CMY	0.3333, 0.9686, 0.4784
CMYK	0.00, 0.95, 0.22, 0.33
HSL	314°, 91%, 35%
HSV	314°, 95%, 67%
XYZ	20.8980, 10.4132, 23.0988
YIQ	70.6880, 56.4270, 73.2190

Conversions

Conversions Part 2

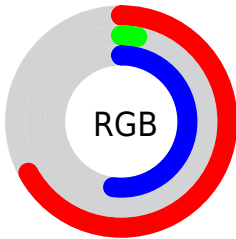
Format	Color
R_{YB}	170, 8, 133
Decimal	11143301
CIE _{Lab}	38.57, 66.55, -25.19
CIE _{LCh}	39, 71.156, 339.269
Yxy	10.4132, 0.3841, 0.1914
Android (android.graphics.Color)	4289333381 (0xFFAA0885)
YUV	70.6880, 30.7198, 87.0966
Hunter-Lab	32.2694, 59.1270, -19.8518

Details

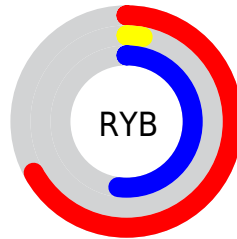
The YUV color **70.6880, 30.7198, 87.0966** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **107.3120, -30.7198, -87.0966**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.9830, 23.1794, 78.9449**, and **43.2490, 19.5972, 61.1716** is the 20% darker color. If you saturate the color by 10%, you get **65.7640, 32.1613, 91.4150**, and if you desaturate by 10%, it is **81.1230, 27.5474, 77.9451**.

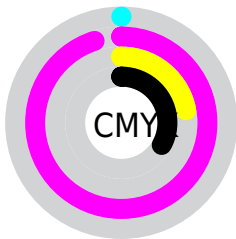
Distribution



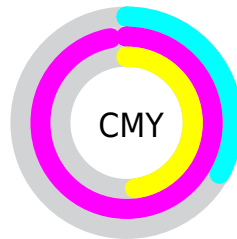
- Red (67%)
- Green (3%)
- Blue (52%)



- Red (67%)
- Yellow (3%)
- Blue (52%)



- Cyan (0%)
- Magenta (95%)
- Yellow (22%)
- Black (33%)





- Cyan (33%)
- Magenta (97%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.6880, 30.7198, 87.0966 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 70.6880, 30.7198, 87.0966 by changing the saturation by 10% instead.


 70.6880, 30.7198,
87.0966


 70.6880, 30.7198,
87.0966


255.0000, 0.0000,
0.0000


 54.4710, 26.3898,
75.8859

 138.9830, 23.1794,
78.9449


 43.2490, 19.5972,
61.1716


 166.9720, 23.1848,
77.2006


 32.2550, 13.6783,
46.2574

 187.3010, 27.4596,
59.3720

 22.2720, 7.7539,
33.0875

 205.1050, 24.5982,
43.7579

 9.9680, 1.9878,
15.8141

 222.1280, 16.2059,
28.8287

 0.0000, 0.0000,
0.0000

 239.7380, 7.5242,

13.3848

■ 70.6880, 30.7198,
87.0966

■ 70.6880, 30.7198,
87.0966

■ 65.7640, 32.1613,
91.4150

■ 81.1230, 27.5474,
77.9451

■ 91.5580, 24.3749,
68.7936

■ 101.9930, 21.2025,
59.6421

■ 112.4280, 18.0300,
50.4906

■ 122.7490, 14.4207,
41.4391

■ 133.1840, 11.2483,
32.2876

■ 143.6190, 8.0758,
23.1361

■ 154.0540, 4.9034,
13.9846

■ 164.4890, 1.7309,
4.8331

Harmonies

Analogous

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



91.2060, 44.7614, 16.4823



70.6880, 30.7198, 87.0966



64.8760, 5.4841, 107.9797

Triad

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



70.6880, 30.7198, 87.0966



83.8820, -41.3538, 10.6275



85.5000, 38.2075, -74.9835

Complementary

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



70.6880, 30.7198, 87.0966



107.3120, -30.7198, -87.0966

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.



79.2300, 14.1836, -69.4847



70.6880, 30.7198, 87.0966



67.3050, -33.1814, -44.1175

Square

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



70.6880, 30.7198, 87.0966



85.0210, -41.9154, 50.8476



70.9880, -12.3191, -62.2565



86.1960, 56.1054, -75.5939

Rectangle

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



70.6880, 30.7198, 87.0966



65.0330, -12.8343, 103.4571



70.9880, -12.3191, -62.2565



83.5620, 30.7819, -73.2839

Sweetspot

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



70.6880, 30.7198, 87.0966



182.7220, 11.9691, 34.4468



36.9330, 65.6020, 5.3208



88.0810, 7.3551, 20.9770



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.6880, 30.7198, 87.0966



85.8720, 41.9681, 119.3843



61.6820, -3.7872, 94.9949



79.0760, 1.4415, 4.3183



57.2480, 27.9787, 79.5895



7.8040, 4.0406, 10.6959

Inverse Universe

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



70.6880, 30.7198, 87.0966



85.8720, 41.9681, 119.3843



116.3180, 3.7872, -94.9949



79.0760, 1.4415, 4.3183



57.2480, 27.9787, 79.5895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 70.6880, 30.7198, 87.0966 looks on a white background.

Color Contrast Check

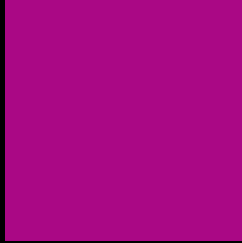
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 70.6880, 30.7198, 87.0966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

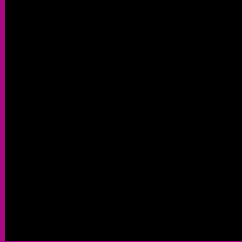
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 70.6880, 30.7198, 87.0966

Background



This preview shows how black text looks on a background with the YUV color 70.6880, 30.7198, 87.0966.



This preview shows how white text looks on a background with the YUV color 70.6880, 30.7198,

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

70.6880, 30.7198, 87.0966

Protanopia

80.5410, 52.9773, -52.2175

Deuteranopia

93.3700, 15.5936, -8.2175



Tritanopia

86.5310, -15.0518, 67.9403

Trichromacy



Original Color

70.6880, 30.7198, 87.0966

Protanomaly

76.7970, 44.9631, -1.5760

Deuteranomaly

84.7840, 21.3055, 26.4994

Tritanomaly

80.9290, 1.5140, 74.6073

Monochromacy



Original Color

70.6880, 30.7198, 87.0966

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.8850, 11.3957, 31.6729

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6880, 30.7198, 87.0966 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(170, 8, 133)` looks like.

```
.text, #text, p{  
  color:rgb(170, 8, 133)  
}
```

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(170, 8, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 8, 133) }
```

Border

The CSS property to change the border of an element to YUV 70.6880, 30.7198, 87.0966 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(170, 8, 133) }
```


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

```
.border{ border-color:rgb(170, 8, 133) }
```

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

Here you see how a box with a 4 pixel rgb(170, 8, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 8, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 8, 133);  
box-shadow:4px 4px 4px 4px rgb(170, 8,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 70.6880, 30.7198, 87.0966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 8, 133) }
```

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

```
.background{ background-color: rgb(170, 8,  
133) }
```

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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