

Converting Colors

YUV(128.8670, 12.3906,
86.0626)

Have a look what the booklet for
YUV(128.8670, 12.3906, 86.0626)
contains.

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Color

**YUV(128.8670, 12.3906,
86.0626)**

Conversions

Conversions Part 1

Format	Color
Hex	E34A9A
RGB	227, 74, 154
RGB Percent	89%, 29%, 60%
CMY	0.1098, 0.7098, 0.3961
CMYK	0.00, 0.67, 0.32, 0.11
HSL	329°, 73%, 59%
HSV	329°, 67%, 89%
XYZ	39.9601, 23.5615, 33.0136
YIQ	128.8670, 65.5080, 57.3160

Conversions

Conversions Part 2

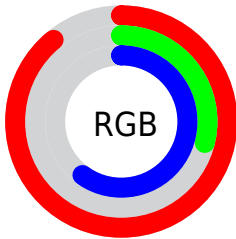
Format	Color
R _Y B	227, 74, 154
Decimal	14895770
CIE Lab	55.65, 65.75, -10.83
CIE LCh	56, 66.637, 350.644
Yxy	23.5615, 0.4139, 0.2441
Android (android.graphics.Color)	4293085850 (0xFFE34A9A)
YUV	128.8670, 12.3906, 86.0626
Hunter-Lab	48.5402, 62.0022, -6.3466

Details

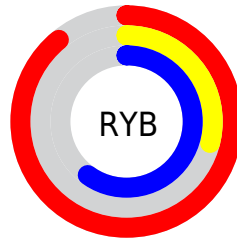
The YUV color **128.8670, 12.3906, 86.0626** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **172.1330, -12.3906, -86.0626**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4410, 15.0656, 68.0192**, and **61.6750, 20.3732, 92.3700** is the 20% darker color. If you saturate the color by 10%, you get **114.1120, 14.2418, 99.0028**, and if you desaturate by 10%, it is **143.6220, 10.5394, 73.1225**.

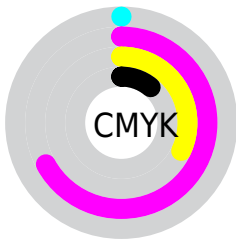
Distribution



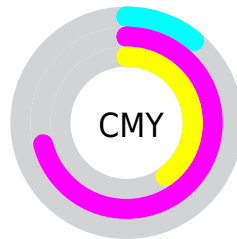
- Red (89%)
- Green (29%)
- Blue (60%)



- Red (89%)
- Yellow (29%)
- Blue (60%)



- Cyan (0%)
- Magenta (67%)
- Yellow (32%)
- Black (11%)



- Cyan (11%)
- Magenta (71%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 128.8670, 12.3906, 86.0626 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 128.8670, 12.3906, 86.0626 by changing the saturation by 10% instead.


 128.8670, 12.3906,
86.0626

 128.8670, 12.3906,
86.0626


255.0000, 0.0000,
0.0000

 97.5620, 15.0059,
87.2071


 177.4410, 15.0656,
68.0192


 61.6750, 20.3732,
92.3700

 197.7700, 19.3404,
50.1907


 50.2680, 14.1649,
76.9410


 216.8450, 18.8104,
33.4619

 38.9750, 8.3933,
61.4119

 233.8680, 10.4181,
18.5328

 28.2090, 3.3480,
46.2977

 251.4780, 1.7363,
3.0888

 17.2860, -3.5920,
32.1982

 2.9900, -1.4741,

6.1478

■ 0.0000, 0.0000,
0.0000

■ 128.8670, 12.3906,
86.0626

■ 128.8670, 12.3906,
86.0626

■ 114.1120, 14.2418,
99.0028

■ 143.6220, 10.5394,
73.1225

■ 99.9440, 15.8036,
111.4281

■ 157.7900, 8.9775,
60.6972

■ 85.3030, 18.0916,
124.2683

■ 172.4310, 6.6895,
47.8570

■ 81.4390, 18.5176,
127.6570

■ 187.1860, 4.8383,
34.9169

■ 201.9410, 2.9871,
21.9767

216.1090, 1.4253,
9.5514

230.8640, -0.4260,
-3.3887

245.0320, -1.9878,
-15.8141

246.1720, 2.3802,
-16.8138

Harmonies

Analogous

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



136.1400, 34.9340, 41.9732



128.8670, 12.3906, 86.0626



125.2340, -14.4124, 96.2648

Triad

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



128.8670, 12.3906, 86.0626



119.8320, -59.0772, 1.9013



116.8800, 51.8242, -102.5038

Complementary

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



128.8670, 12.3906, 86.0626



172.1330, -12.3906, -86.0626

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.



113.6420, 29.2635, -99.6640



128.8670, 12.3906, 86.0626



107.9270, -26.5860, -59.5720

Square

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



128.8670, 12.3906, 86.0626



125.1130, -61.6807, 43.7509



105.6280, 3.6344, -92.6358



113.9740, 66.0748, -99.9552

Rectangle

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



128.8670, 12.3906, 86.0626



126.6460, -32.8565, 85.3795



105.6280, 3.6344, -92.6358



116.4580, 45.1302, -102.1337

Sweetspot

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



128.8670, 12.3906, 86.0626



222.3270, 4.2758, 28.6542



112.6710, 56.3642, 28.3525



108.0930, 2.4192, 17.4584



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.



128.8670, 12.3906, 86.0626



122.2050, 16.6609, 116.4612



120.3170, -20.3693, 93.5610



107.2720, 0.8519, 6.7775



64.1230, 14.2364, 100.7471



18.3270, 4.2758, 28.6542

Inverse Universe

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



128.8670, 12.3906, 86.0626



122.2050, 16.6609, 116.4612



180.6830, 20.3693, -93.5610



107.2720, 0.8519, 6.7775



64.1230, 14.2364, 100.7471



18.3270, 4.2758, 28.6542

Previews

White Background



This preview shows how the YUV color 128.8670, 12.3906, 86.0626 looks on a white background.

Color Contrast Check

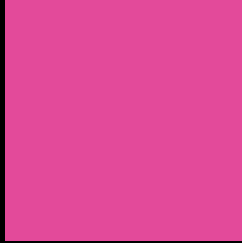
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.8670, 12.3906, 86.0626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

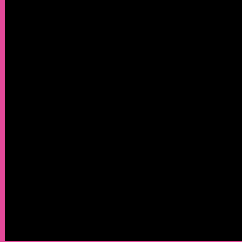
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 128.8670, 12.3906, 86.0626

Background



This preview shows how black text looks on a background with the YUV color 128.8670, 12.3906, 86.0626.



This preview shows how white text looks on a background with the YUV color 128.8670, 12.3906,

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

128.8670, 12.3906, 86.0626

Protanopia

133.6860, 29.7348, -17.2646

Deuteranopia

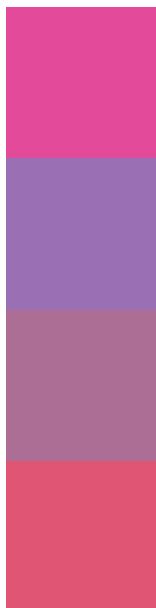
135.1130, 5.3673, 5.1629



Tritanopia

129.4510, -16.9843, 81.1655

Trichromacy



Original Color

128.8670, 12.3906, 86.0626

Protanomaly

131.9080, 23.2164, 20.2517

Deuteranomaly

132.9840, 7.8959, 34.2170

Tritanomaly

129.5080, -6.6594, 82.8695

Monochromacy



Original Color

128.8670, 12.3906, 86.0626

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0500, 4.4123, 31.5281

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.8670, 12.3906, 86.0626 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(227, 74, 154)` looks like.

```
.text, #text, p{  
    color:rgb(227, 74, 154)  
}
```

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(227, 74, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 74, 154) }
```

Border

The CSS property to change the border of an element to YUV 128.8670, 12.3906, 86.0626 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(227, 74, 154) }
```


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

```
.border{ border-color:rgb(227, 74, 154) }
```

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

Here you see how a box with a 4 pixel rgb(227, 74, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 74, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 74, 154);  
box-shadow:4px 4px 4px 4px rgb(227, 74,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 128.8670, 12.3906, 86.0626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 74, 154) }
```

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

```
.background{ background-color: rgb(227, 74,  
154) }
```

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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