

Converting Colors

YUV(83.8670, 22.7436,
125.5276)

Have a look what the booklet for
YUV(83.8670, 22.7436, 125.5276)
contains.

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Color

**YUV(83.8670, 22.7436,
125.5276)**

Conversions

Conversions Part 1

Format	Color
Hex	E30282
RGB	227, 2, 130
RGB Percent	89%, 1%, 51%
CMY	0.1098, 0.9922, 0.4902
CMYK	0.00, 0.99, 0.43, 0.11
HSL	326°, 98%, 45%
HSV	326°, 99%, 89%
XYZ	35.7295, 17.9860, 22.7076
YIQ	83.8670, 93.0120, 87.5080

Conversions

Conversions Part 2

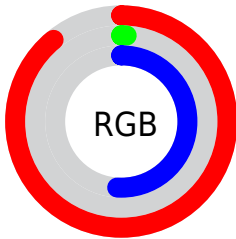
Format	Color
RYB	227, 2, 130
Decimal	14877314
CIELab	49.48, 78.62, -5.71
CIELCh	49, 78.825, 355.846
Yxy	17.9860, 0.4675, 0.2353
Android (android.graphics.Color)	4293067394 (0xFFE30282)
YUV	83.8670, 22.7436, 125.5276
Hunter-Lab	42.4099, 76.1654, -2.0588

Details

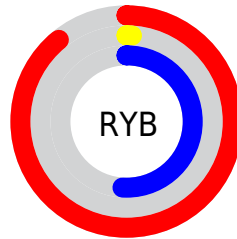
The YUV color **83.8670, 22.7436, 125.5276** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **145.1330, -22.7436, -125.5276**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2850, 15.1425, 90.0811**, and **58.5690, 11.0585, 93.3400** is the 20% darker color. If you saturate the color by 10%, you get **82.5790, 22.8856, 126.6572**, and if you desaturate by 10%, it is **98.5080, 20.4556, 112.6875**.

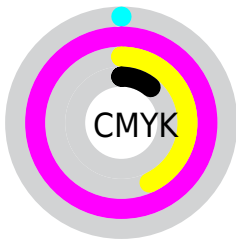
Distribution



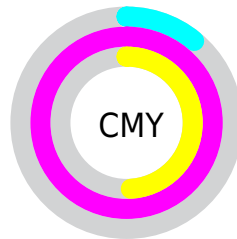
- Red (89%)
- Green (1%)
- Blue (51%)



- Red (89%)
- Yellow (1%)
- Blue (51%)



- Cyan (0%)
- Magenta (99%)
- Yellow (43%)
- Black (11%)





- Cyan (11%)
- Magenta (99%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.8670, 22.7436, 125.5276 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 83.8670, 22.7436, 125.5276 by changing the saturation by 10% instead.


 83.8670, 22.7436,
125.5276


 83.8670, 22.7436,
125.5276

255.0000, 0.0000,
0.0000


 70.5740, 16.9720,
109.9986

 152.2850, 15.1425,
90.0811


 58.5690, 11.0585,
93.3400


 173.5600, 17.9649,
71.4229


 46.9770, 5.4343,
77.1962


 195.0630, 21.6609,
52.5647

 35.6130, 0.6838,
60.8524

 214.4970, 19.9680,
35.5211

 24.7330, -4.7984,
45.8382

 232.1070, 11.2862,
20.0772

 13.5690, -6.1965,
27.5650

 249.7170, 2.6045,

 0.0000, 0.0000,

4.6332

0.0000

■ 83.8670, 22.7436,
125.5276

■ 83.8670, 22.7436,
125.5276

■ 82.5790, 22.8856,
126.6572

■ 98.5080, 20.4556,
112.6875

■ 112.5620, 18.4569,
100.3621

■ 127.0890, 15.7321,
87.6219

■ 141.7300, 13.4441,
74.7818

■ 155.7840, 11.4455,
62.4564

■ 170.4250, 9.1575,
49.6163

■ 185.0660, 6.8695,
36.7761

■ 199.5930, 4.1447,
24.0359

■ 213.6470, 2.1460,
11.7106

Harmonies

Analogous

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



114.7110, 39.0895, 62.5205



83.8670, 22.7436, 125.5276



94.8390, -15.2036, 116.7822

Triad

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



83.8670, 22.7436, 125.5276



102.6110, -50.5872, -14.5678



109.4600, 58.9332, -95.9964

Complementary

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



83.8670, 22.7436, 125.5276



145.1330, -22.7436, -125.5276

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.



105.6520, 34.1886, -92.6568



83.8670, 22.7436, 125.5276



85.8280, -26.5372, -75.2712

Square

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



83.8670, 22.7436, 125.5276



110.8930, -54.6702, 35.1738



97.1990, 4.3389, -85.2435



104.5650, 73.1785, -91.7035

Rectangle

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



83.8670, 22.7436, 125.5276



104.5410, -43.6507, 94.2415



97.1990, 4.3389, -85.2435



108.8100, 51.3657, -95.4264

Sweetspot

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



83.8670, 22.7436, 125.5276



206.6260, 7.5794, 42.4240



55.7560, 84.4233, 35.2940



98.7180, 4.5760, 25.6803



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.



83.8670, 22.7436, 125.5276



92.7750, 25.7469, 142.2713



71.4410, -24.8674, 136.4252



107.3860, 1.2887, 6.6775



65.1490, 18.1675, 99.8473



18.5550, 5.1494, 28.4543

Inverse Universe

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



83.8670, 22.7436, 125.5276



92.7750, 25.7469, 142.2713



157.5590, 24.8674, -136.4252



107.3860, 1.2887, 6.6775



65.1490, 18.1675, 99.8473



18.5550, 5.1494, 28.4543

Previews

White Background



This preview shows how the YUV color 83.8670, 22.7436, 125.5276 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 83.8670, 22.7436, 125.5276 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 83.8670, 22.7436, 125.5276

Background



This preview shows how black text looks on a background with the YUV color 83.8670, 22.7436, 125.5276.



This preview shows how white text looks on a background with the YUV color 83.8670, 22.7436,

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

83.8670, 22.7436, 125.5276

Protanopia

118.1030, 33.9662, -21.1383

Deuteranopia

120.6420, -0.3165, 8.2070



Tritanopia

103.2430, -24.7698, 105.0269

Trichromacy



Original Color

83.8670, 22.7436, 125.5276



Protanomaly

105.4070, 29.8723, 32.0921



Deuteranomaly

107.4960, 8.1365, 50.4310



Tritanomaly

96.1680, -7.4778, 112.1087

Monochromacy



Original Color

83.8670, 22.7436, 125.5276



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

83.8760, 8.4421, 45.7127

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.8670, 22.7436, 125.5276 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, 2, 130)` looks like.

```
.text, #text, p{  
  color:rgb(227, 2, 130)  
}
```

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, 2, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 2, 130) }
```

Border

The CSS property to change the border of an element to YUV 83.8670, 22.7436, 125.5276 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, 2, 130) }
```


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

```
.border{ border-color:rgb(227, 2, 130) }
```

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

Here you see how a box with a 4 pixel rgb(227, 2, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 2, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 2, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 2,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 83.8670, 22.7436, 125.5276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 2, 130) }
```

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

```
.background{ background-color: rgb(227, 2,  
130) }
```

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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