

Converting Colors

YUV(81.7680, 26.2434,
122.9835)

Have a look what the booklet for
YUV(81.7680, 26.2434, 122.9835)
contains.

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Color

**YUV(81.7680, 26.2434,
122.9835)**

Conversions

Conversions Part 1

Format	Color
Hex	DE0087
RGB	222, 0, 135
RGB Percent	87%, 0%, 53%
CMY	0.1294, 1.0000, 0.4706
CMYK	0.00, 1.00, 0.39, 0.13
HSL	324°, 100%, 44%
HSV	324°, 100%, 87%
XYZ	34.4974, 17.2789, 24.4386
YIQ	81.7680, 88.9770, 89.0490

Conversions

Conversions Part 2

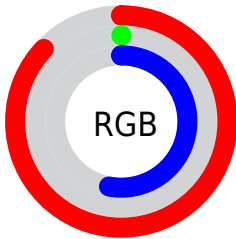
Format	Color
R_{YB}	222, 0, 135
Decimal	14549127
CIE _{Lab}	48.61, 78.17, -10.15
CIE _{LCh}	49, 78.825, 352.603
Yxy	17.2789, 0.4526, 0.2267
Android (android.graphics.Color)	4292739207 (0xFFDE0087)
YUV	81.7680, 26.2434, 122.9835
Hunter-Lab	41.5679, 75.3943, -5.7603

Details

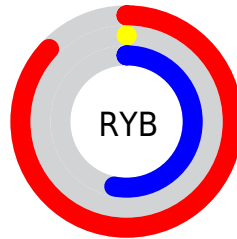
The YUV color **81.7680, 26.2434, 122.9835** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **140.2320, -26.2434, -122.9835**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2680, 17.6159, 90.0960**, and **57.8290, 13.3953, 90.4810** is the 20% darker color. If you saturate the color by 10%, you get **81.7680, 26.2434, 122.9835**, and if you desaturate by 10%, it is **95.7080, 23.8080, 110.7581**.

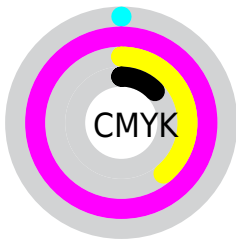
Distribution



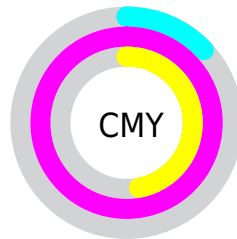
- Red (87%)
- Green (0%)
- Blue (53%)



- Red (87%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.7680, 26.2434, 122.9835 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 81.7680, 26.2434, 122.9835 by changing the saturation by 10% instead.


 81.7680, 26.2434,
122.9835


 81.7680, 26.2434,
122.9835


255.0000, 0.0000,
0.0000


 69.6490, 19.8930,
106.4248

 152.2680, 17.6159,
90.0960


 57.8290, 13.3953,
90.4810


 173.6570, 20.8751,
71.3378


 46.2370, 7.7712,
74.3372


 194.4590, 24.4237,
53.0945

 34.7590, 2.5838,
58.0934

 213.3230, 20.5468,
36.5507

 24.1070, -2.0248,
42.8792

 230.9330, 11.8650,
21.1068

 12.6720, -5.7543,
25.7207

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 81.7680, 26.2434,
122.9835

■ 95.7080, 23.8080,
110.7581

■ 109.5340, 20.9357,
98.6327

■ 124.0610, 18.2109,
85.8925

■ 138.0010, 15.7755,
73.6671

■ 151.9410, 13.3401,
61.4417

■ 165.7670, 10.4679,
49.3163

■ 179.7070, 8.0324,
37.0910

■ 194.2340, 5.3076,
24.3508

■ 208.0600, 2.4354,
12.2254

Harmonies

Analogous

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



114.2370, 41.2952, 55.0432



81.7680, 26.2434, 122.9835



88.6530, -9.6889, 121.3303

Triad

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



81.7680, 26.2434, 122.9835



102.0570, -50.3141, -8.8200



107.4880, 56.4544, -94.2670

Complementary

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



81.7680, 26.2434, 122.9835



140.2320, -26.2434, -122.9835

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.



102.7510, 30.6888, -90.1126



81.7680, 26.2434, 122.9835



82.4710, -31.7842, -72.3271

Square

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



81.7680, 26.2434, 122.9835



108.8550, -53.6655, 39.5922



94.2980, 0.8391, -82.6993



104.2230, 71.8681, -91.4036

Rectangle

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



81.7680, 26.2434, 122.9835



101.3440, -38.1306, 97.0453



94.2980, 0.8391, -82.6993



106.7240, 48.4501, -93.5969

Sweetspot

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



81.7680, 26.2434, 122.9835



206.9680, 8.8898, 42.1241



50.7230, 84.4396, 30.0609



98.9460, 5.4496, 25.4804



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.



81.7680, 26.2434, 122.9835



93.9150, 30.1149, 141.2715



69.3420, -21.3676, 133.8811



105.0870, 1.4361, 6.0627



64.8220, 20.7938, 97.5031



17.6580, 5.5916, 26.6099

Inverse Universe

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



81.7680, 26.2434, 122.9835



93.9150, 30.1149, 141.2715



152.6580, 21.3676, -133.8811



105.0870, 1.4361, 6.0627



64.8220, 20.7938, 97.5031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 81.7680, 26.2434, 122.9835 looks on a white background.

Color Contrast Check

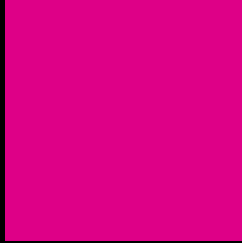
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.7680, 26.2434, 122.9835 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 81.7680, 26.2434, 122.9835

Background



This preview shows how black text looks on a background with the YUV color 81.7680, 26.2434, 122.9835.



This preview shows how white text looks on a background with the YUV color 81.7680, 26.2434,

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

81.7680, 26.2434, 122.9835

Protanopia

115.3350, 38.7818, -25.7268

Deuteranopia

118.5430, 3.1833, 5.6628



Tritanopia

102.2640, -23.3012, 100.6235

Trichromacy



Original Color

81.7680, 26.2434, 122.9835



Protanomaly

102.9380, 34.5406, 28.1184



Deuteranomaly

105.3970, 11.6363, 47.8868



Tritanomaly

95.0150, -5.4304, 108.7348

Monochromacy



Original Color

81.7680, 26.2434, 122.9835



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

81.8050, 9.4631, 44.8980

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7680, 26.2434, 122.9835 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(222, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 135)  
}
```

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(222, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 135) }
```

Border

The CSS property to change the border of an element to YUV 81.7680, 26.2434, 122.9835 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(222, 0, 135) }
```


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

```
.border{ border-color:rgb(222, 0, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 0, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 81.7680, 26.2434, 122.9835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 135) }
```

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

```
.background{ background-color: rgb(222, 0,  
135) }
```

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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