

Converting Colors

YUV(84.9000, 22.7273,
130.7607)

Have a look what the booklet for
YUV(84.9000, 22.7273, 130.7607)
contains.

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Color

**YUV(84.9000, 22.7273,
130.7607)**

Conversions

Conversions Part 1

Format	Color
Hex	EA0083
RGB	234, 0, 131
RGB Percent	92%, 0%, 51%
CMY	0.0824, 1.0000, 0.4863
CMYK	0.00, 1.00, 0.44, 0.08
HSL	326°, 100%, 46%
HSV	326°, 100%, 92%
XYZ	38.0284, 19.1311, 23.1611
YIQ	84.9000, 97.4130, 90.3490

Conversions

Conversions Part 2

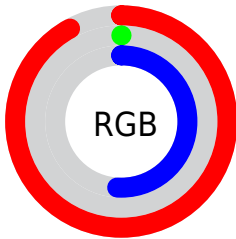
Format	Color
RYB	234, 0, 131
Decimal	15335555
CIELab	50.84, 80.33, -4.15
CIELCh	51, 80.437, 357.045
Yxy	19.1311, 0.4735, 0.2382
Android (android.graphics.Color)	4293525635 (0xFFEA0083)
YUV	84.9000, 22.7273, 130.7607
Hunter-Lab	43.7391, 78.6510, -0.7783

Details

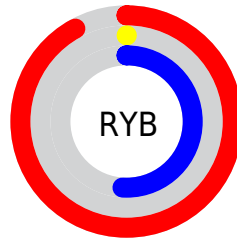
The YUV color **84.9000, 22.7273, 130.7607** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **149.1000, -22.7273, -130.7607**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.9860, 15.2899, 89.4663**, and **60.7760, 10.4634, 97.5434** is the 20% darker color. If you saturate the color by 10%, you get **84.9000, 22.7273, 130.7607**, and if you desaturate by 10%, it is **99.5410, 20.4393, 117.9205**.

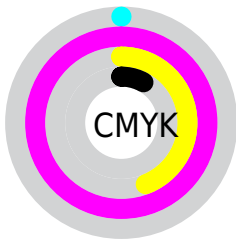
Distribution



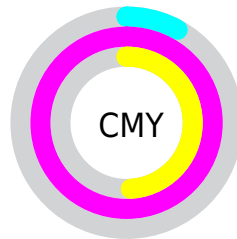
- Red (92%)
- Green (0%)
- Blue (51%)



- Red (92%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (44%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.9000, 22.7273, 130.7607 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 84.9000, 22.7273, 130.7607 by changing the saturation by 10% instead.


 84.9000, 22.7273,
130.7607


 84.9000, 22.7273,
130.7607


255.0000, 0.0000,
0.0000


 72.7810, 16.3770,
114.2021


 152.9860, 15.2899,
89.4663


 60.7760, 10.4634,
97.5434


 174.8480, 17.8229,
70.2933


 48.8850, 4.9867,
80.7849


 195.7640, 21.8083,
51.9500

 37.5210, 0.2361,
64.4411

 215.0840, 19.6786,
35.0063

 26.4560, -4.6618,
48.7121

 233.2810, 10.7075,
19.0476

 15.4770, -6.6442,
31.1537

 250.8910, 2.0257,

 0.0000, 0.0000,

■ 84.9000, 22.7273,
130.7607

■ 99.5410, 20.4393,
117.9205

■ 114.8830, 18.2987,
104.4656

■ 129.5240, 16.0107,
91.6255

■ 144.7520, 13.4333,
78.2705

■ 159.3930, 11.1453,
65.4303

■ 174.1480, 9.2940,
52.4902

■ 189.3760, 6.7166,
39.1352

■ 204.0170, 4.4286,
26.2951

■ 219.3590, 2.2880,
12.8402

Harmonies

Analogous

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



117.4450, 39.2206, 67.1387



84.9000, 22.7273, 130.7607



98.9810, -17.2456, 118.4117

Triad

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



84.9000, 22.7273, 130.7607



104.9590, -51.7448, -16.6270



112.7200, 61.2700, -98.8554

Complementary

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



84.9000, 22.7273, 130.7607



149.1000, -22.7273, -130.7607

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.



108.7980, 36.0886, -95.4158



84.9000, 22.7273, 130.7607



89.3330, -25.8002, -78.3450

Square

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



84.9000, 22.7273, 130.7607



113.8390, -56.1226, 34.3442



100.2310, 5.8021, -87.9026



106.5540, 73.1839, -93.4479

Rectangle

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



84.9000, 22.7273, 130.7607



107.6290, -47.1451, 95.0414



100.2310, 5.8021, -87.9026



112.0700, 53.7025, -98.2854

Sweetspot

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



84.9000, 22.7273, 130.7607



206.5120, 7.1426, 42.5240



56.8750, 87.3226, 38.6976



98.6040, 4.1392, 25.7803



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.



84.9000, 22.7273, 130.7607



92.5470, 24.8733, 142.4713



71.7900, -27.5045, 142.2582



109.9730, 0.9993, 6.1627



65.6330, 17.4359, 101.1769



19.5660, 5.1440, 30.1986

Inverse Universe

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



84.9000, 22.7273, 130.7607



92.5470, 24.8733, 142.4713



162.2100, 27.5045, -142.2582



109.9730, 0.9993, 6.1627



65.6330, 17.4359, 101.1769



19.5660, 5.1440, 30.1986

Previews

White Background



This preview shows how the YUV color 84.9000, 22.7273, 130.7607 looks on a white background.

Color Contrast Check

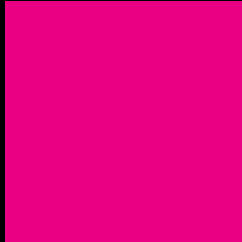
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.9000, 22.7273, 130.7607 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 84.9000, 22.7273, 130.7607

Background



This preview shows how black text looks on a background with the YUV color 84.9000, 22.7273, 130.7607.



This preview shows how white text looks on a background with the YUV color 84.9000, 22.7273,

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

84.9000, 22.7273, 130.7607

Protanopia

122.0600, 32.5084, -20.2236

Deuteranopia

124.0120, -1.4849, 9.6365



Tritanopia

105.3360, -25.8016, 109.3303

Trichromacy



Original Color

84.9000, 22.7273, 130.7607



Protanomaly

108.4890, 28.8459, 34.6511



Deuteranomaly

109.9910, 7.3994, 53.5049



Tritanomaly

97.6740, -8.2203, 116.9269

Monochromacy



Original Color

84.9000, 22.7273, 130.7607



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

84.8870, 8.4367, 47.4571

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9000, 22.7273, 130.7607 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(234, 0, 131)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 131)  
}
```

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(234, 0, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 131) }
```

Border

The CSS property to change the border of an element to YUV 84.9000, 22.7273, 130.7607 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(234, 0, 131) }
```


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

```
.border{ border-color:rgb(234, 0, 131) }
```

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

Here you see how a box with a 4 pixel rgb(234, 0, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 131);  
box-shadow:4px 4px 4px 4px rgb(234, 0,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 84.9000, 22.7273, 130.7607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 0, 131) }
```

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

```
.background{ background-color: rgb(234, 0,  
131) }
```

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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