

Converting Colors

YUV(86.3540, 30.8845,
127.7315)

Have a look what the booklet for
YUV(86.3540, 30.8845, 127.7315)
contains.

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Color

**YUV(86.3540, 30.8845,
127.7315)**

Conversions

Conversions Part 1

Format	Color
Hex	E80095
RGB	232, 0, 149
RGB Percent	91%, 0%, 58%
CMY	0.0902, 1.0000, 0.4157
CMYK	0.00, 1.00, 0.36, 0.09
HSL	321°, 100%, 45%
HSV	321°, 100%, 91%
XYZ	38.7035, 19.3257, 30.1241
YIQ	86.3540, 90.4430, 95.5230

Conversions

Conversions Part 2

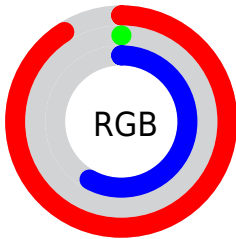
Format	Color
R_{YB}	232, 0, 149
Decimal	15204501
CIE _{Lab}	51.07, 81.52, -14.69
CIE _{LCh}	51, 82.836, 349.785
Yxy	19.3257, 0.4390, 0.2192
Android (android.graphics.Color)	4293394581 (0xFFE80095)
YUV	86.3540, 30.8845, 127.7315
Hunter-Lab	43.9610, 80.2205, -9.8555

Details

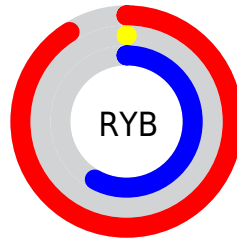
The YUV color **86.3540, 30.8845, 127.7315** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **145.6460, -30.8845, -127.7315**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.7390, 23.2997, 87.0519**, and **62.0020, 17.7470, 94.7142** is the 20% darker color. If you saturate the color by 10%, you get **86.3540, 30.8845, 127.7315**, and if you desaturate by 10%, it is **100.7670, 27.7229, 115.0913**.

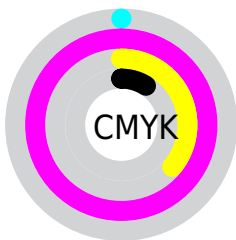
Distribution



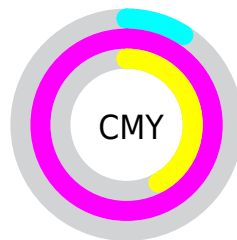
- Red (91%)
- Green (0%)
- Blue (58%)



- Red (91%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (36%)
- Black (9%)




- Cyan (9%)
- Magenta (100%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.3540, 30.8845, 127.7315 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 86.3540, 30.8845, 127.7315 by changing the saturation by 10% instead.


 86.3540, 30.8845,
127.7315


 86.3540, 30.8845,
127.7315


255.0000, 0.0000,
0.0000


 74.1210, 24.0973,
111.2729


 155.7390, 23.2997,
87.0519


 62.0020, 17.7470,
94.7142

 177.1280, 26.5589,
68.2937


 50.2960, 11.6861,
78.6704


 198.0610, 28.0709,
49.9355

 38.8180, 6.4987,
62.4266

 215.6710, 19.3892,
34.4915

 28.0520, 1.4534,
47.3124

 233.2810, 10.7075,
19.0476

 15.7760, -6.7916,
31.7684

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 86.3540, 30.8845,
127.7315

■ 100.7670, 27.7229,
115.0913

■ 115.2940, 24.9981,
102.3512

■ 130.2940, 21.5471,
89.1962

■ 144.7070, 18.3854,
76.5560

■ 159.2340, 15.6606,
63.8158

■ 173.6470, 12.4990,
51.1756

■ 188.0600, 9.3374,
38.5354

■ 203.0600, 5.8864,
25.3804

■ 217.5870, 3.1616,
12.6402

Harmonies

Analogous

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



121.3550, 45.6740, 50.5547



86.3540, 30.8845, 127.7315



85.1740, -3.0438, 136.6594

Triad

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



86.3540, 30.8845, 127.7315



108.5800, -53.5299, -4.0167



113.6830, 57.3443, -99.7000

Complementary

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



86.3540, 30.8845, 127.7315



145.6460, -30.8845, -127.7315

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.



107.7890, 29.6840, -94.5310



86.3540, 30.8845, 127.7315



84.5280, -41.6723, -74.1311

Square

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



86.3540, 30.8845, 127.7315



114.8020, -56.5974, 46.6546



98.1790, -2.0602, -86.1030



110.0760, 71.4475, -96.5367

Rectangle

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



86.3540, 30.8845, 127.7315



104.9800, -35.9791, 107.0115



98.1790, -2.0602, -86.1030



112.2180, 49.1925, -98.4152

Sweetspot

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



86.3540, 30.8845, 127.7315



207.3100, 10.2002, 41.8241



50.6670, 89.3972, 26.6020



99.0600, 5.8864, 25.3804



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.



86.3540, 30.8845, 127.7315



94.9410, 34.0461, 140.3717



73.3580, -18.9105, 139.1290



107.5000, 1.7255, 6.5775



66.6310, 23.8459, 98.5476



19.0110, 6.8966, 28.0544

Inverse Universe

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



86.3540, 30.8845, 127.7315



94.9410, 34.0461, 140.3717



158.6420, 18.9105, -139.1290



107.5000, 1.7255, 6.5775



66.6310, 23.8459, 98.5476



19.0110, 6.8966, 28.0544

Previews

White Background



This preview shows how the YUV color 86.3540, 30.8845, 127.7315 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 86.3540, 30.8845, 127.7315 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 86.3540, 30.8845, 127.7315

Background



This preview shows how black text looks on a background with the YUV color 86.3540, 30.8845, 127.7315.



This preview shows how white text looks on a background with the YUV color 86.3540, 30.8845,

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

86.3540, 30.8845, 127.7315

Protanopia

119.2400, 46.2237, -32.6595

Deuteranopia

124.5580, 7.1199, 3.0186



Tritanopia

109.1610, -23.7434, 102.4678

Trichromacy



Original Color

86.3540, 30.8845, 127.7315



Protanomaly

107.2350, 40.8031, 26.1039



Deuteranomaly

110.5480, 15.9988, 48.6314



Tritanomaly

101.0800, -3.9834, 111.3088

Monochromacy



Original Color

86.3540, 30.8845, 127.7315



Achromatopsia

86.0000, 0.0000, 0.0000



Achromatomaly

86.2720, 11.2049, 46.2425

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3540, 30.8845, 127.7315 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(232, 0, 149)` looks like.

```
.text, #text, p{  
    color:rgb(232, 0, 149)  
}
```

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(232, 0, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 0, 149) }
```

Border

The CSS property to change the border of an element to YUV 86.3540, 30.8845, 127.7315 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(232, 0, 149) }
```


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

```
.border{ border-color:rgb(232, 0, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 0, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 0, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 0, 149);  
box-shadow:4px 4px 4px 4px rgb(232, 0,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 86.3540, 30.8845, 127.7315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 0, 149) }
```

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

```
.background{ background-color: rgb(232, 0,  
149) }
```

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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