

# Converting Colors

YUV(85.4270, 23.4535,  
131.1755)

Have a look what the booklet for  
YUV(85.4270, 23.4535, 131.1755)  
contains.

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# Color

**YUV(85.4270, 23.4535,  
131.1755)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB0085
RGB	235, 0, 133
RGB Percent	92%, 0%, 52%
CMY	0.0784, 1.0000, 0.4784
CMYK	0.00, 1.00, 0.43, 0.08
HSL	326°, 100%, 46%
HSV	326°, 100%, 92%
XYZ	38.4946, 19.3556, 23.8974
YIQ	85.4270, 97.3670, 91.1830

# Conversions

## Conversions Part 2

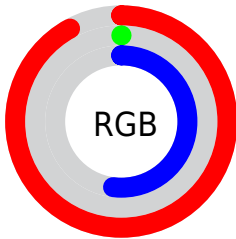
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 0, 133
Decimal	15401093
CIE <sub>Lab</sub>	51.10, 80.71, -4.95
CIE <sub>LCh</sub>	51, 80.858, 356.490
Yxy	19.3556, 0.4709, 0.2368
Android (android.graphics.Color)	4293591173 (0xFFEB0085)
YUV	85.4270, 23.4535, 131.1755
Hunter-Lab	43.9950, 79.1919, -1.4089

# Details

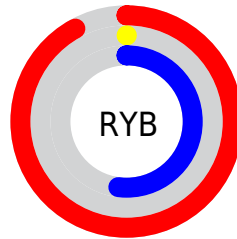
The YUV color **85.4270, 23.4535, 131.1755** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **149.5730, -23.4535, -131.1755**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.8010, 15.8741, 88.7515**, and **61.3030, 11.1896, 97.9583** is the 20% darker color. If you saturate the color by 10%, you get **85.4270, 23.4535, 131.1755**, and if you desaturate by 10%, it is **100.0680, 21.1655, 118.3354**.

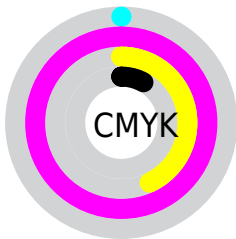
# Distribution



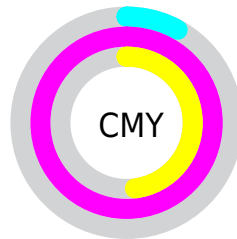
- Red (92%)
- Green (0%)
- Blue (52%)



- Red (92%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (8%)




- Cyan (8%)
- Magenta (100%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.4270, 23.4535, 131.1755 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 85.4270, 23.4535, 131.1755 by changing the saturation by 10% instead.





 85.4270, 23.4535,  
131.1755


 85.4270, 23.4535,  
131.1755

255.0000, 0.0000,  
0.0000


 73.3080, 17.1032,  
114.6169

 153.8010, 15.8741,  
88.7515


 61.3030, 11.1896,  
97.9583


 175.1900, 19.1333,  
69.9934


 49.4120, 5.7129,  
81.1997


 196.5790, 22.3926,  
51.2352

 37.9340, 0.5255,  
64.9559

 215.6710, 19.3892,  
34.4915

 26.9830, -3.9356,  
49.1269

 233.2810, 10.7075,  
19.0476

 15.7760, -6.7916,  
31.7684

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 85.4270, 23.4535,  
131.1755

■ 100.0680, 21.1655,  
118.3354

■ 115.2960, 18.5881,  
104.9804

■ 130.6380, 16.4475,  
91.5255

■ 145.2790, 14.1595,  
78.6853

■ 160.5070, 11.5820,  
65.3304

■ 175.1480, 9.2940,  
52.4902

■ 189.7890, 7.0060,  
39.6500

■ 205.1310, 4.8654,  
26.1951

■ 219.7720, 2.5774,  
13.3550

# Harmonies

## Analogous

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



118.8470, 39.5154, 65.9092



85.4270, 23.4535, 131.1755



98.8070, -16.6669, 119.4413

# Triad

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



85.4270, 23.4535, 131.1755



105.5570, -52.0396, -15.3975



113.3070, 60.9806, -99.3702

# Complementary

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



85.4270, 23.4535, 131.1755



149.5730, -23.4535, -131.1755

# 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.



109.3850, 35.7992, -95.9306



85.4270, 23.4535, 131.1755



89.1050, -26.6738, -78.1451

# Square

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



85.4270, 23.4535, 131.1755



114.4370, -56.4174, 35.5738



100.7040, 5.0759, -88.3174



107.7280, 72.6051, -94.4775



# Rectangle

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



85.4270, 23.4535, 131.1755



107.9820, -45.8401, 96.4858



100.7040, 5.0759, -88.3174



112.7710, 53.8499, -98.9002

# Sweetspot

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



85.4270, 23.4535, 131.1755



206.6260, 7.5794, 42.4240



57.2880, 87.6120, 39.2124



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.



85.4270, 23.4535, 131.1755



92.6610, 25.3101, 142.3713



72.0890, -27.6519, 142.8729



109.9730, 0.9993, 6.1627



65.7470, 17.8727, 101.0769



19.5660, 5.1440, 30.1986



# Inverse Universe

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



85.4270, 23.4535, 131.1755



92.6610, 25.3101, 142.3713



162.9110, 27.6519, -142.8729



109.9730, 0.9993, 6.1627



65.7470, 17.8727, 101.0769



19.5660, 5.1440, 30.1986



# Previews

## White Background



This preview shows how the YUV color 85.4270, 23.4535, 131.1755 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 85.4270, 23.4535, 131.1755 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 85.4270, 23.4535, 131.1755

## Background



This preview shows how black text looks on a background with the YUV color 85.4270, 23.4535, 131.1755.



This preview shows how white text looks on a background with the YUV color 85.4270, 23.4535,



# 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

85.4270, 23.4535, 131.1755

### Protanopia

122.1030, 33.9662, -21.1383

### Deuteranopia

124.2400, -0.6113, 9.4365



## Tritanopia

106.3360, -25.8016, 109.3303

# Trichromacy



## Original Color

85.4270, 23.4535, 131.1755



## Protanomaly

108.8310, 30.1563, 34.3512



## Deuteranomaly

110.2190, 8.2730, 53.3049



## Tritanomaly

98.7880, -7.7835, 116.8269

# Monochromacy



## Original Color

85.4270, 23.4535, 131.1755



## Achromatopsia

85.0000, 0.0000, 0.0000



## Achromatomaly

85.1860, 8.2893, 48.0719

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.4270, 23.4535, 131.1755 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(235, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 133)  
}
```

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(235, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 133) }
```

## Border

The CSS property to change the border of an element to YUV 85.4270, 23.4535, 131.1755 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(235, 0, 133) }
```



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

```
.border{ border-color:rgb(235, 0, 133) }
```

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

Here you see how a box with a 4 pixel rgb(235, 0, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(235, 0,  
133) }
```

# Background

The CSS property to change the background color of an element to YUV 85.4270, 23.4535, 131.1755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 133) }
```

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

```
.background{ background-color: rgb(235, 0,  
133) }
```

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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