

Converting Colors

YUV(86.7950, 28.6951,
129.9758)

Have a look what the booklet for
YUV(86.7950, 28.6951, 129.9758)
contains.

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Color

**YUV(86.7950, 28.6951,
129.9758)**

Conversions

Conversions Part 1

Format	Color
Hex	EB0091
RGB	235, 0, 145
RGB Percent	92%, 0%, 57%
CMY	0.0784, 1.0000, 0.4314
CMYK	0.00, 1.00, 0.38, 0.08
HSL	323°, 100%, 46%
HSV	323°, 100%, 92%
XYZ	39.3718, 19.7065, 28.5167
YIQ	86.7950, 93.5150, 94.9150

Conversions

Conversions Part 2

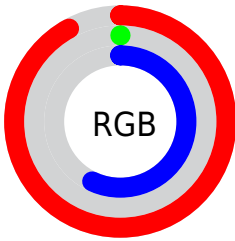
Format	Color
R_{YB}	235, 0, 145
Decimal	15401105
CIE _{Lab}	51.50, 81.76, -11.57
CIE _{LCh}	52, 82.573, 351.942
Yxy	19.7065, 0.4495, 0.2250
Android (android.graphics.Color)	4293591185 (0xFFEB0091)
YUV	86.7950, 28.6951, 129.9758
Hunter-Lab	44.3920, 80.6277, -7.0125

Details

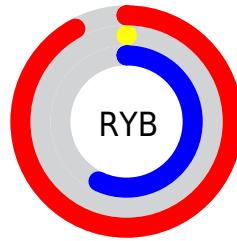
The YUV color **86.7950, 28.6951, 129.9758** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **148.2050, -28.6951, -129.9758**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2830, 21.5525, 87.4518**, and **62.5570, 15.9944, 96.8585** is the 20% darker color. If you saturate the color by 10%, you get **86.7950, 28.6951, 129.9758**, and if you desaturate by 10%, it is **101.3220, 25.9703, 117.2356**.

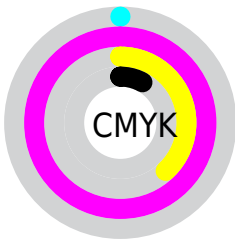
Distribution



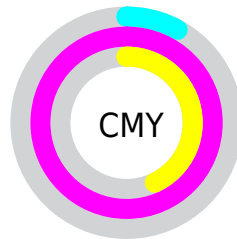
- Red (92%)
- Green (0%)
- Blue (57%)



- Red (92%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (38%)
- Black (8%)




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

Brightness & Saturation Gradients


These gradients show how the YUV color 86.7950, 28.6951, 129.9758 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 86.7950, 28.6951, 129.9758 by changing the saturation by 10% instead.

 86.7950, 28.6951,
129.9758


 86.7950, 28.6951,
129.9758


255.0000, 0.0000,
0.0000


 74.5620, 21.9079,
113.5171


 155.2830, 21.5525,
87.4518


 62.5570, 15.9944,
96.8585


 177.2590, 24.5223,
68.1789


 50.8510, 9.9335,
80.8147


 198.0610, 28.0709,
49.9355

 39.3730, 4.7461,
64.5709

 215.6710, 19.3892,
34.4915

 28.3080, -0.1518,
48.8419

 233.8680, 10.4181,
18.5328

 16.3740, -7.0864,
32.9980

 251.4780, 1.7363,

 1.4950, -0.7370,

3.0888

3.0739

■ 0.0000, 0.0000,
0.0000

■ 86.7950, 28.6951,
129.9758

■ 101.3220, 25.9703,
117.2356

■ 116.4360, 22.9561,
103.9806

■ 131.5500, 19.9418,
90.7256

■ 146.0770, 17.2170,
77.9855

■ 161.1910, 14.2028,
64.7305

■ 175.7180, 11.4780,
51.9903

■ 190.2450, 8.7532,
39.2501

■ 205.3590, 5.7390,
25.9952

■ 219.8860, 3.0142,
13.2550

Harmonies

Analogous

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



121.3450, 44.1999, 56.7024



86.7950, 28.6951, 129.9758



92.9360, -8.8424, 129.8521

Triad

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



86.7950, 28.6951, 129.9758



109.1450, -53.8085, -8.0202



114.1390, 59.0915, -100.0999

Complementary

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



86.7950, 28.6951, 129.9758



148.2050, -28.6951, -129.9758

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.



109.0600, 32.0154, -95.6456



86.7950, 28.6951, 129.9758



87.5260, -35.2623, -76.7603

Square

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



86.7950, 28.6951, 129.9758



115.6660, -57.0233, 43.2659



100.1510, 0.4186, -87.8324



110.0760, 71.4475, -96.5367

Rectangle

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



86.7950, 28.6951, 129.9758



107.1600, -39.0259, 104.2227



100.1510, 0.4186, -87.8324



113.3750, 51.0871, -99.4299

Sweetspot

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



86.7950, 28.6951, 129.9758



207.0820, 9.3266, 42.0241



52.5040, 89.9705, 29.3760



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.



86.7950, 28.6951, 129.9758



94.1430, 30.9885, 141.0716



73.7990, -21.0999, 141.3733



110.0870, 1.4361, 6.0627



66.8870, 22.2407, 100.0771



19.9080, 6.4544, 29.8987

Inverse Universe

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



86.7950, 28.6951, 129.9758



94.1430, 30.9885, 141.0716



161.2010, 21.0999, -141.3733



110.0870, 1.4361, 6.0627



66.8870, 22.2407, 100.0771



19.9080, 6.4544, 29.8987

Previews

White Background



This preview shows how the YUV color 86.7950, 28.6951, 129.9758 looks on a white background.

Color Contrast Check

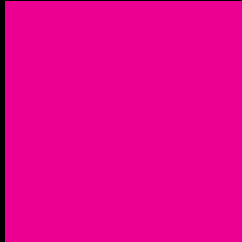
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.7950, 28.6951, 129.9758 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 86.7950, 28.6951, 129.9758

Background



This preview shows how black text looks on a background with the YUV color 86.7950, 28.6951, 129.9758.



This preview shows how white text looks on a background with the YUV color 86.7950, 28.6951,

129.9758.

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

86.7950, 28.6951, 129.9758

Protanopia

121.9370, 42.4291, -28.8857

Deuteranopia

125.8850, 4.4937, 5.3629



Tritanopia

108.9550, -24.6278, 106.1565

Trichromacy



Original Color

86.7950, 28.6951, 129.9758



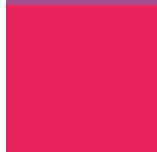
Protanomaly

109.3340, 37.3033, 28.6481



Deuteranomaly

111.5760, 13.5200, 50.3608



Tritanomaly

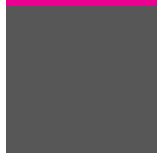
100.7600, -5.3047, 115.0975

Monochromacy



Original Color

86.7950, 28.6951, 129.9758



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

86.7560, 10.4733, 47.5720

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7950, 28.6951, 129.9758 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 145) }
```

Border

The CSS property to change the border of an element to YUV 86.7950, 28.6951, 129.9758 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, 145) }
```


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

```
.border{ border-color:rgb(235, 0, 145) }
```

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, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 145);  
box-shadow:4px 4px 4px 4px rgb(235, 0,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 86.7950, 28.6951, 129.9758 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, 145) }
```

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

```
.background{ background-color: rgb(235, 0,  
145) }
```

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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