

Converting Colors

YUV(134.9300, 20.2475,
86.0074)

Have a look what the booklet for
YUV(134.9300, 20.2475, 86.0074)
contains.

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Color

**YUV(134.9300, 20.2475,
86.0074)**

Conversions

Conversions Part 1

Format	Color
Hex	E94DB0
RGB	233, 77, 176
RGB Percent	91%, 30%, 69%
CMY	0.0863, 0.6980, 0.3098
CMYK	0.00, 0.67, 0.24, 0.09
HSL	322°, 78%, 61%
HSV	322°, 67%, 91%
XYZ	44.0946, 25.7660, 43.7236
YIQ	134.9300, 61.1970, 63.8610

Conversions

Conversions Part 2

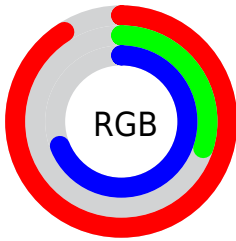
Format	Color
R _Y B	233, 77, 176
Decimal	15289776
CIE Lab	57.81, 68.90, -20.29
CIE LCh	58, 71.826, 343.594
Yxy	25.7660, 0.3882, 0.2268
Android (android.graphics.Color)	4293479856 (0xFFE94DB0)
YUV	134.9300, 20.2475, 86.0074
Hunter-Lab	50.7602, 66.2299, -15.5388

Details

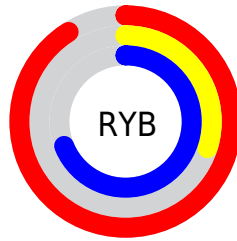
The YUV color **134.9300, 20.2475, 86.0074** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **175.0700, -20.2475, -86.0074**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5250, 24.3912, 63.5606**, and **65.7490, 28.2247, 94.0591** is the 20% darker color. If you saturate the color by 10%, you get **120.4030, 22.9723, 98.7476**, and if you desaturate by 10%, it is **149.4570, 17.5227, 73.2672**.

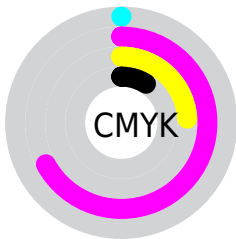
Distribution



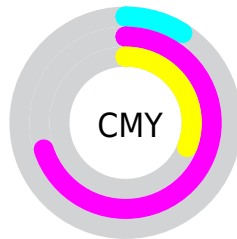
- Red (91%)
- Green (30%)
- Blue (69%)



- Red (91%)
- Yellow (30%)
- Blue (69%)



- Cyan (0%)
- Magenta (67%)
- Yellow (24%)
- Black (9%)




- Cyan (9%)
- Magenta (70%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 134.9300, 20.2475, 86.0074 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 134.9300, 20.2475, 86.0074 by changing the saturation by 10% instead.


 134.9300, 20.2475,
86.0074


 134.9300, 20.2475,
86.0074


255.0000, 0.0000,
0.0000


 103.5110, 22.4261,
87.2519


 182.5250, 24.3912,
63.5606


 65.7490, 28.2247,
94.0591

 202.1700, 26.0452,
46.3319

 54.2280, 21.5796,
78.7300


 219.1930, 17.6529,
31.4027

 42.8210, 15.3712,
63.3010

 236.2160, 9.2605,
16.4736

 31.8270, 9.4523,
48.3867

253.8260, 0.5788,
1.0296

 21.6590, 4.1121,
34.5021

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,
0.0000

■ 134.9300, 20.2475,
86.0074

■ 134.9300, 20.2475,
86.0074

■ 120.4030, 22.9723,
98.7476

■ 149.4570, 17.5227,
73.2672

■ 105.4030, 26.4233,
111.9026

■ 164.4570, 14.0717,
60.1122

■ 90.8760, 29.1481,
124.6427

■ 178.9840, 11.3469,
47.3720

■ 86.5390, 30.3003,
128.4463

■ 193.3970, 8.1853,
34.7318

■ 207.9240, 5.4605,
21.9917

■ 222.9240, 2.0095,
8.8367

■ 237.4510, -0.7153,
-3.9035

■ 247.1680, -1.5618,
-12.4253

■ 248.1940, 2.3694,
-13.3251

Harmonies

Analogous

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



142.6530, 43.5551, 30.1223



134.9300, 20.2475, 86.0074



128.7220, -7.7509, 106.3608

Triad

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



134.9300, 20.2475, 86.0074



127.2740, -62.7461, 12.0377



122.5050, 50.5300, -107.4369

Complementary

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



134.9300, 20.2475, 86.0074



175.0700, -20.2475, -86.0074

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.



117.0670, 24.6170, -102.6678



134.9300, 20.2475, 86.0074



116.1710, -40.0173, -44.8770

Square

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



134.9300, 20.2475, 86.0074



130.5060, -64.3395, 56.5612



108.3690, -3.6329, -95.0396



120.6420, 66.2385, -105.8030

Rectangle

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



134.9300, 20.2475, 86.0074



129.9880, -28.0951, 98.2345



108.3690, -3.6329, -95.0396



121.0400, 42.3783, -106.1521

Sweetspot

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



134.9300, 20.2475, 86.0074



222.8970, 6.4598, 28.1543



111.2290, 60.0331, 18.2162



108.4350, 3.7295, 17.1585



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.



134.9300, 20.2475, 86.0074



126.7020, 26.2759, 112.5173



126.2660, -12.9491, 93.6057



110.0870, 1.4361, 6.0627



67.2290, 23.5511, 99.7772



20.0220, 6.8912, 29.7987

Inverse Universe

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



134.9300, 20.2475, 86.0074



126.7020, 26.2759, 112.5173



183.7340, 12.9491, -93.6057



110.0870, 1.4361, 6.0627



67.2290, 23.5511, 99.7772



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 134.9300, 20.2475, 86.0074 looks on a white background.

Color Contrast Check

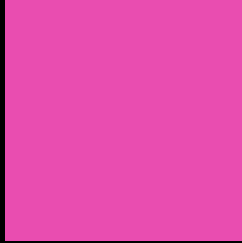
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.9300, 20.2475, 86.0074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

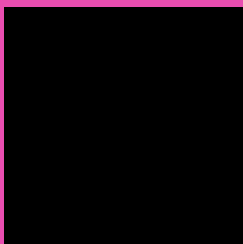
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 134.9300, 20.2475, 86.0074

Background



This preview shows how black text looks on a background with the YUV color 134.9300, 20.2475, 86.0074.



This preview shows how white text looks on a background with the YUV color 134.9300, 20.2475, 86.0074.

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

134.9300, 20.2475, 86.0074

Protanopia

137.6060, 41.1132, -26.8415

Deuteranopia

140.4310, 13.0985, -1.2550



Tritanopia

135.9670, -16.2527, 79.8359

Trichromacy



Original Color

134.9300, 20.2475, 86.0074



Protanomaly

136.6220, 33.7104, 14.3635



Deuteranomaly

138.6120, 15.4743, 30.1583



Tritanomaly

135.5340, -2.7283, 81.9697

Monochromacy



Original Color

134.9300, 20.2475, 86.0074



Achromatopsia

135.0000, 0.0000, 0.0000



Achromatomaly

135.1470, 7.3225, 31.4431

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.9300, 20.2475, 86.0074 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(233, 77, 176)` looks like.

```
.text, #text, p{  
    color:rgb(233, 77, 176)  
}
```

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(233, 77, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 77, 176) }
```

Border

The CSS property to change the border of an element to YUV 134.9300, 20.2475, 86.0074 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(233, 77, 176) }
```


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

```
.border{ border-color:rgb(233, 77, 176) }
```

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

Here you see how a box with a 4 pixel rgb(233, 77, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 77, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 77, 176);  
box-shadow:4px 4px 4px 4px rgb(233, 77,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 134.9300, 20.2475, 86.0074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 77, 176) }
```

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

```
.background{ background-color: rgb(233, 77,  
176) }
```

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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