

Converting Colors

YUV(136.8850, 25.1997,
84.2929)

Have a look what the booklet for
YUV(136.8850, 25.1997, 84.2929)
contains.

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Color

**YUV(136.8850, 25.1997,
84.2929)**

Conversions

Conversions Part 1

Format	Color
Hex	E94EBC
RGB	233, 78, 188
RGB Percent	91%, 31%, 74%
CMY	0.0863, 0.6941, 0.2627
CMYK	0.00, 0.67, 0.19, 0.09
HSL	317°, 78%, 61%
HSV	317°, 67%, 91%
XYZ	45.4058, 26.4033, 50.2801
YIQ	136.8850, 57.0700, 67.0700

Conversions

Conversions Part 2

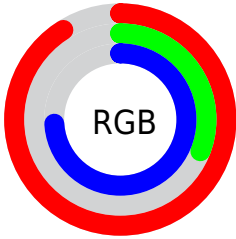
Format	Color
R _Y B	233, 78, 188
Decimal	15290044
CIE Lab	58.42, 70.10, -26.28
CIE LCh	58, 74.864, 339.448
Yxy	26.4033, 0.3719, 0.2163
Android (android.graphics.Color)	4293480124 (0xFFE94EBC)
YUV	136.8850, 25.1997, 84.2929
Hunter-Lab	51.3841, 67.8101, -22.0473

Details

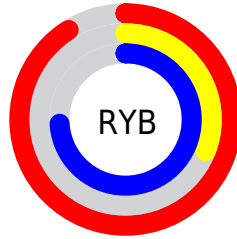
The YUV color **136.8850, 25.1997, 84.2929** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **174.1150, -25.1997, -84.2929**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4800, 29.3434, 61.8460**, and **67.0030, 33.0295, 92.9594** is the 20% darker color. If you saturate the color by 10%, you get **122.5860, 28.7981, 96.8331**, and if you desaturate by 10%, it is **151.1840, 21.6013, 71.7526**.

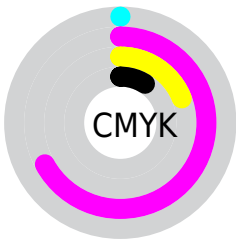
Distribution



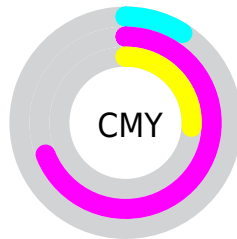
- Red (91%)
- Green (31%)
- Blue (74%)



- Red (91%)
- Yellow (31%)
- Blue (74%)



- Cyan (0%)
- Magenta (67%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (69%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.8850, 25.1997, 84.2929 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 136.8850, 25.1997, 84.2929 by changing the saturation by 10% instead.


 136.8850, 25.1997,
84.2929


 136.8850, 25.1997,
84.2929


255.0000, 0.0000,
0.0000


 105.4660, 27.3783,
85.5373


 184.4800, 29.3434,
61.8460

 67.0030, 33.0295,
92.9594


 202.7570, 25.7558,
45.8171

 55.4820, 26.3844,
77.6303

 219.7800, 17.3635,
30.8879

 44.2600, 19.5918,
62.9160

 237.3900, 8.6817,
15.4440

 33.2660, 13.6729,
48.0017

 22.9840, 7.8959,
34.2170

 10.9790, 1.9824,

17.5584

■ 0.0000, 0.0000,
0.0000

■ 136.8850, 25.1997,
84.2929

■ 136.8850, 25.1997,
84.2929

■ 122.5860, 28.7981,
96.8331

■ 151.1840, 21.6013,
71.7526

■ 107.7000, 32.6859,
109.8881

■ 166.0700, 17.7135,
58.6976

■ 93.5150, 36.7211,
122.3283

■ 180.2550, 13.6783,
46.2574

■ 88.4770, 37.7258,
126.7467

■ 194.5540, 10.0799,
33.7171

■ 209.4400, 6.1921,
20.6621

■ 223.7390, 2.5937,
8.1219

■ 237.9240, -1.4415,
-4.3183

■ 246.9400, -2.4354,
-12.2254

■ 247.7380, 0.6222,
-12.9252

Harmonies

Analogous

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



143.3790, 49.1132, 20.7156



136.8850, 25.1997, 84.2929



127.8350, -2.3837, 111.5237

Triad

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



136.8850, 25.1997, 84.2929



129.3780, -63.7834, 18.0855



124.0380, 48.7883, -108.7813

Complementary

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



136.8850, 25.1997, 84.2929



174.1150, -25.1997, -84.2929

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.



118.0300, 20.6912, -103.5123



136.8850, 25.1997, 84.2929



117.8810, -50.2273, -36.7296

Square

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



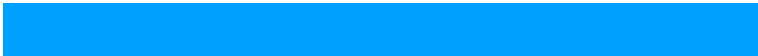
136.8850, 25.1997, 84.2929



131.7350, -64.9454, 64.2534



108.4030, -8.5797, -95.0694



122.9900, 65.0809, -107.8622

Rectangle

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



136.8850, 25.1997, 84.2929



129.6560, -24.4804, 105.5417



108.4030, -8.5797, -95.0694



122.4590, 40.1997, -107.3965

Sweetspot

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



136.8850, 25.1997, 84.2929



223.3530, 8.2070, 27.7544



108.8260, 61.2178, 11.5536



108.7770, 5.0399, 16.8586



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.



136.8850, 25.1997, 84.2929



128.5260, 33.2647, 110.9177



128.2210, -7.9970, 91.8912



110.2010, 1.8729, 5.9627



68.7110, 29.2295, 98.4775



20.4780, 8.6383, 29.3988

Inverse Universe

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



136.8850, 25.1997, 84.2929



128.5260, 33.2647, 110.9177



182.7790, 7.9970, -91.8912



110.2010, 1.8729, 5.9627



68.7110, 29.2295, 98.4775



20.4780, 8.6383, 29.3988

Previews

White Background



This preview shows how the YUV color 136.8850, 25.1997, 84.2929 looks on a white background.

Color Contrast Check

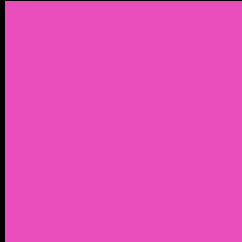
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.8850, 25.1997, 84.2929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

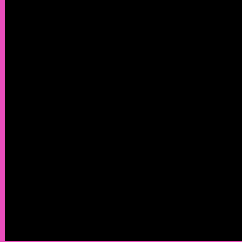
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.8850, 25.1997, 84.2929

Background



This preview shows how black text looks on a background with the YUV color 136.8850, 25.1997, 84.2929.



This preview shows how white text looks on a background with the YUV color 136.8850, 25.1997, 84.2929.

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

136.8850, 25.1997, 84.2929

Protanopia

137.6960, 47.9709, -33.0594

Deuteranopia

141.7770, 18.3509, -5.9434



Tritanopia

138.4720, -15.5157, 76.7621

Trichromacy



Original Color

136.8850, 25.1997, 84.2929



Protanomaly

137.1960, 39.8364, 9.4751



Deuteranomaly

139.9690, 20.7213, 27.2142



Tritanomaly

137.9790, -0.9756, 79.8254

Monochromacy



Original Color

136.8850, 25.1997, 84.2929



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.3040, 9.2171, 30.4284

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.8850, 25.1997, 84.2929 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, 78, 188)` looks like.

```
.text, #text, p{  
    color:rgb(233, 78, 188)  
}
```

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, 78, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 78, 188) }
```

Border

The CSS property to change the border of an element to YUV 136.8850, 25.1997, 84.2929 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, 78, 188) }
```


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

```
.border{ border-color:rgb(233, 78, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 78, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 78, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 78, 188);  
box-shadow:4px 4px 4px 4px rgb(233, 78,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 136.8850, 25.1997, 84.2929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 78, 188) }
```

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

```
.background{ background-color: rgb(233, 78,  
188) }
```

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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