

Converting Colors

YUV(136.7930, 24.7521,
87.8815)

Have a look what the booklet for
YUV(136.7930, 24.7521, 87.8815)
contains.

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Color

**YUV(136.7930, 24.7521,
87.8815)**

Conversions

Conversions Part 1

Format	Color
Hex	ED4CBB
RGB	237, 76, 187
RGB Percent	93%, 30%, 73%
CMY	0.0706, 0.7020, 0.2667
CMYK	0.00, 0.68, 0.21, 0.07
HSL	319°, 82%, 61%
HSV	319°, 68%, 93%
XYZ	46.4791, 26.7613, 49.7294
YIQ	136.7930, 60.3250, 68.6530

Conversions

Conversions Part 2

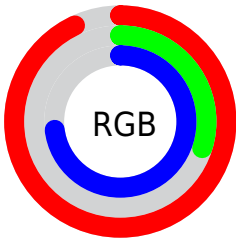
Format	Color
R _{YB}	237, 76, 187
Decimal	15551675
CIE _{Lab}	58.75, 71.71, -25.14
CIE _{LCh}	59, 75.990, 340.683
Yxy	26.7613, 0.3780, 0.2176
Android (android.graphics.Color)	4293741755 (0xFFED4CBB)
YUV	136.7930, 24.7521, 87.8815
Hunter-Lab	51.7313, 69.8476, -20.7837

Details

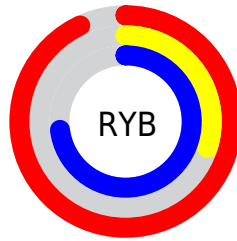
The YUV color **136.7930, 24.7521, 87.8815** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **176.2070, -24.7521, -87.8815**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.7790, 29.1960, 62.4608**, and **68.1990, 32.4399, 95.4185** is the 20% darker color. If you saturate the color by 10%, you get **121.9070, 28.6398, 100.9366**, and if you desaturate by 10%, it is **151.6790, 20.8643, 74.8265**.

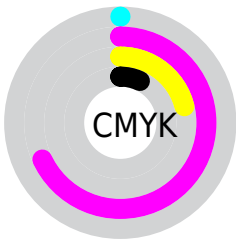
Distribution



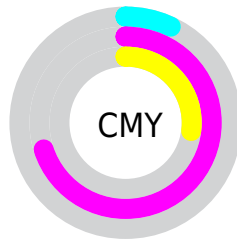
- Red (93%)
- Green (30%)
- Blue (73%)



- Red (93%)
- Yellow (30%)
- Blue (73%)



- Cyan (0%)
- Magenta (68%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (70%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.7930, 24.7521, 87.8815 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 136.7930, 24.7521, 87.8815 by changing the saturation by 10% instead.


 136.7930, 24.7521,
87.8815


 136.7930, 24.7521,
87.8815


255.0000, 0.0000,
0.0000


 104.2000, 27.5094,
90.1556


 183.7790, 29.1960,
62.4608

 68.1990, 32.4399,
95.4185


 202.1700, 26.0452,
46.3319

 56.5640, 25.3579,
80.1894


 219.1930, 17.6529,
31.4027

 45.1570, 19.1496,
64.7603

 236.8030, 8.9711,
15.9588

 34.0490, 12.7938,
49.9460

254.4130, 0.2894,
0.5148

 23.7670, 7.0169,
36.1613

 11.7620, 1.1033,

19.5027

■ 0.0000, 0.0000,
0.0000

■ 136.7930, 24.7521,
87.8815

■ 136.7930, 24.7521,
87.8815

■ 121.9070, 28.6398,
100.9366

■ 151.6790, 20.8643,
74.8265

■ 107.4940, 31.8015,
113.5768

■ 166.0920, 17.7026,
62.1863


■ 92.6080, 35.6893,
126.6318


■ 180.9780, 13.8148,
49.1313

■ 89.4450, 36.2626,
129.4057

■ 195.8640, 9.9270,
36.0763

■ 210.8640, 6.4760,
22.9213

 225.1630, 2.8776,
10.3810

 240.1630, -0.5734,
-2.7740

 248.5920, -1.2779,
-10.1662

 249.3900, 1.7797,
-10.8660

Harmonies

Analogous

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



144.4010, 49.1023, 24.2043



136.7930, 24.7521, 87.8815



127.0200, -2.9679, 112.2385

Triad

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



136.7930, 24.7521, 87.8815



130.2530, -64.2147, 16.4411



125.0810, 50.2461, -109.6960

Complementary

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



136.7930, 24.7521, 87.8815



176.2070, -24.7521, -87.8815

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.



119.0730, 22.1490, -104.4270



136.7930, 24.7521, 87.8815



117.7880, -49.1955, -41.0331

Square

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



136.7930, 24.7521, 87.8815



132.9090, -65.5241, 63.2238



109.3320, -7.5587, -95.8842



123.5770, 64.7915, -108.3770

Rectangle

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



136.7930, 24.7521, 87.8815



130.6130, -25.9382, 106.4564



109.3320, -7.5587, -95.8842



123.5020, 41.6575, -108.3113

Sweetspot

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



136.7930, 24.7521, 87.8815



223.2390, 7.7702, 27.8544



108.7060, 63.2489, 13.4128



108.6630, 4.6031, 16.9585



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.



136.7930, 24.7521, 87.8815



124.9070, 32.0908, 114.0916



127.7870, -9.7550, 95.7798



110.2010, 1.8729, 5.9627



68.3690, 27.9191, 98.7774



20.3640, 8.2015, 29.4988

Inverse Universe

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



136.7930, 24.7521, 87.8815



124.9070, 32.0908, 114.0916



185.2130, 9.7550, -95.7798



110.2010, 1.8729, 5.9627



68.3690, 27.9191, 98.7774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 136.7930, 24.7521, 87.8815 looks on a white background.

Color Contrast Check

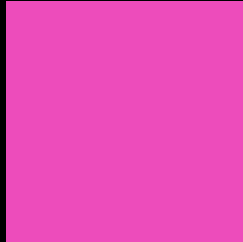
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7930, 24.7521, 87.8815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

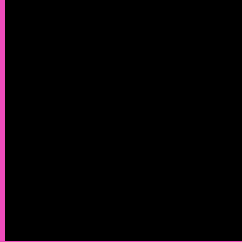
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.7930, 24.7521, 87.8815

Background



This preview shows how black text looks on a background with the YUV color 136.7930, 24.7521, 87.8815.



This preview shows how white text looks on a background with the YUV color 136.7930, 24.7521, 87.8815.

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

136.7930, 24.7521, 87.8815

Protanopia

138.9950, 47.8235, -32.4446

Deuteranopia

142.8480, 17.3299, -5.1287



Tritanopia

138.8530, -16.6895, 79.9359

Trichromacy



Original Color

136.7930, 24.7521, 87.8815



Protanomaly

138.0930, 39.3942, 11.3194



Deuteranomaly

140.4530, 19.9897, 28.5437



Tritanomaly

138.4740, -1.7127, 82.8993

Monochromacy



Original Color

136.7930, 24.7521, 87.8815



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.9020, 8.9223, 31.6579

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.7930, 24.7521, 87.8815 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(237, 76, 187)` looks like.

```
.text, #text, p{  
    color:rgb(237, 76, 187)  
}
```

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(237, 76, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 76, 187) }
```

Border

The CSS property to change the border of an element to YUV 136.7930, 24.7521, 87.8815 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(237, 76, 187) }
```


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

```
.border{ border-color:rgb(237, 76, 187) }
```

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

Here you see how a box with a 4 pixel rgb(237, 76, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 76, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 76, 187);  
box-shadow:4px 4px 4px 4px rgb(237, 76,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 136.7930, 24.7521, 87.8815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 76, 187) }
```

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

```
.background{ background-color: rgb(237, 76,  
187) }
```

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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