

Converting Colors

YUV(137.8740, 25.2051,
82.5485)

Have a look what the booklet for
YUV(137.8740, 25.2051, 82.5485)
contains.

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Color

**YUV(137.8740, 25.2051,
82.5485)**

Conversions

Conversions Part 1

Format	Color
Hex	E850BD
RGB	232, 80, 189
RGB Percent	91%, 31%, 74%
CMY	0.0902, 0.6863, 0.2588
CMYK	0.00, 0.66, 0.19, 0.09
HSL	317°, 77%, 61%
HSV	317°, 66%, 91%
XYZ	45.3327, 26.5672, 50.8828
YIQ	137.8740, 55.6030, 66.1230

Conversions

Conversions Part 2

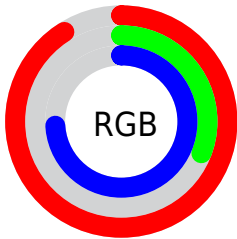
Format	Color
R _{YB}	232, 80, 189
Decimal	15225021
CIE _{Lab}	58.57, 69.23, -26.63
CIE _{LCh}	59, 74.172, 338.958
Yxy	26.5672, 0.3692, 0.2164
Android (android.graphics.Color)	4293415101 (0xFFE850BD)
YUV	137.8740, 25.2051, 82.5485
Hunter-Lab	51.5434, 66.7906, -22.4497

Details

The YUV color **137.8740, 25.2051, 82.5485** 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 **174.1260, -25.2051, -82.5485**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.1810, 29.4908, 61.2313**, and **67.1170, 33.4663, 92.8594** is the 20% darker color. If you saturate the color by 10%, you get **123.5750, 28.8035, 95.0887**, and if you desaturate by 10%, it is **152.1730, 21.6067, 70.0083**.

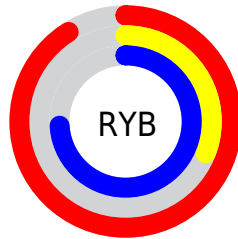
Distribution



Red (91%)

Green (31%)

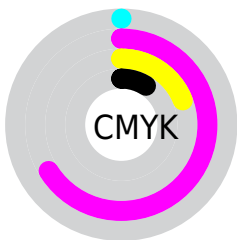
Blue (74%)



Red (91%)

Yellow (31%)

Blue (74%)

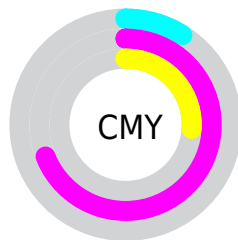


Cyan (0%)

Magenta (66%)

Yellow (19%)

Black (9%)



Cyan (9%)

Magenta (69%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.8740, 25.2051, 82.5485 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 137.8740, 25.2051, 82.5485 by changing the saturation by 10% instead.

137.8740, 25.2051,
82.5485

137.8740, 25.2051,
82.5485

255.0000, 0.0000,
0.0000

107.0420, 27.0943,
83.2782

185.1810, 29.4908,
61.2313

67.1170, 33.4663,
92.8594

203.3440, 25.4664,
45.3023

55.5960, 26.8212,
77.5303

220.9540, 16.7847,
29.8583

44.0750, 20.1760,
62.2012

237.9770, 8.3923,
14.9292

33.0810, 14.2571,
47.2870

22.7990, 8.4801,
33.5023

11.0930, 2.4192,

17.4584

■ 0.0000, 0.0000,
0.0000

■ 137.8740, 25.2051,
82.5485

■ 137.8740, 25.2051,
82.5485

■ 123.5750, 28.8035,
95.0887

■ 152.1730, 21.6067,
70.0083

■ 109.3900, 32.8387,
107.5290

■ 166.3580, 17.5715,
57.5680

■ 94.5040, 36.7265,
120.5840

■ 181.2440, 13.6837,
44.5130

■ 88.2920, 38.3100,
126.0319

■ 195.4290, 9.6485,
32.0728

■ 209.7280, 6.0501,
19.5325

■ 223.9130, 2.0149,
7.0923

■ 238.2120, -1.5835,
-5.4479

■ 246.6410, -2.2880,
-12.8402

■ 247.3250, 0.3328,
-13.4400

Harmonies

Analogous

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



144.2540, 48.6818, 19.0712



137.8740, 25.2051, 82.5485



129.1230, -2.5256, 110.3941

Triad

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



137.8740, 25.2051, 82.5485



129.9760, -64.0782, 19.3150



123.9240, 48.3515, -108.6813

Complementary

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



137.8740, 25.2051, 82.5485



174.1260, -25.2051, -82.5485

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.



117.9160, 20.2544, -103.4123



137.8740, 25.2051, 82.5485



119.0060, -49.7960, -35.0853

Square

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



137.8740, 25.2051, 82.5485



132.0340, -65.0928, 64.8682



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.



137.8740, 25.2051, 82.5485



130.4710, -23.8962, 104.8269



108.4030, -8.5797, -95.0694



122.2310, 39.3261, -107.1966

Sweetspot

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



137.8740, 25.2051, 82.5485



223.4670, 8.6438, 27.6544



109.5870, 60.3496, 10.0092



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.



137.8740, 25.2051, 82.5485



130.5150, 33.2701, 109.1733



129.4380, -7.1179, 89.9469



107.6140, 2.1623, 6.4775



68.1130, 29.5243, 97.2479



19.4670, 8.6438, 27.6544

Inverse Universe

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



137.8740, 25.2051, 82.5485



130.5150, 33.2701, 109.1733



182.5620, 7.1179, -89.9469



107.6140, 2.1623, 6.4775



68.1130, 29.5243, 97.2479



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 137.8740, 25.2051, 82.5485 looks on a white background.

Color Contrast Check

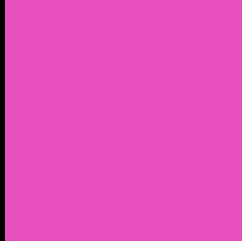
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.8740, 25.2051, 82.5485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

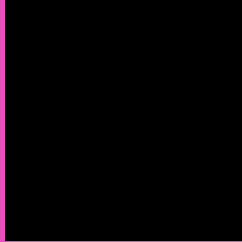
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.8740, 25.2051, 82.5485

Background



This preview shows how black text looks on a background with the YUV color 137.8740, 25.2051, 82.5485.



This preview shows how white text looks on a background with the YUV color 137.8740, 25.2051,

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

137.8740, 25.2051, 82.5485

Protanopia

137.9950, 47.8235, -32.4446

Deuteranopia

142.1790, 18.6458, -7.1730



Tritanopia

139.5750, -15.0735, 74.9177

Trichromacy



Original Color

137.8740, 25.2051, 82.5485



Protanomaly

138.0820, 39.3996, 9.5751



Deuteranomaly

140.9580, 20.7267, 25.4698



Tritanomaly

139.0820, -0.5334, 77.9811

Monochromacy



Original Color

137.8740, 25.2051, 82.5485



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

138.0050, 9.3645, 29.8136

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.8740, 25.2051, 82.5485 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(232, 80, 189)` looks like.

```
.text, #text, p{  
    color:rgb(232, 80, 189)  
}
```

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(232, 80, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 80, 189) }
```

Border

The CSS property to change the border of an element to YUV 137.8740, 25.2051, 82.5485 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(232, 80, 189) }
```


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

```
.border{ border-color:rgb(232, 80, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 80, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 80, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 80, 189);  
box-shadow:4px 4px 4px 4px rgb(232, 80,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 137.8740, 25.2051, 82.5485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 80, 189) }
```

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

```
.background{ background-color: rgb(232, 80,  
189) }
```

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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