

Converting Colors

YUV(137.9930, 24.6535,
72.7971)

Have a look what the booklet for
YUV(137.9930, 24.6535, 72.7971)
contains.

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Color

**YUV(137.9930, 24.6535,
72.7971)**

Conversions

Conversions Part 1

Format	Color
Hex	DD56BC
RGB	221, 86, 188
RGB Percent	87%, 34%, 74%
CMY	0.1333, 0.6627, 0.2627
CMYK	0.00, 0.61, 0.15, 0.13
HSL	315°, 67%, 60%
HSV	315°, 61%, 87%
XYZ	42.2237, 25.6586, 50.3041
YIQ	137.9930, 47.7180, 60.3420

Conversions

Conversions Part 2

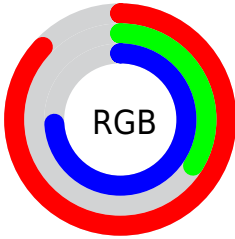
Format	Color
R_{YB}	221, 86, 188
Decimal	14505660
CIE _{Lab}	57.71, 63.79, -27.52
CIE _{LCh}	58, 69.475, 336.661
Yxy	25.6586, 0.3573, 0.2171
Android (android.graphics.Color)	4292695740 (0xFFDD56BC)
YUV	137.9930, 24.6535, 72.7971
Hunter-Lab	50.6543, 60.1465, -23.4221

Details

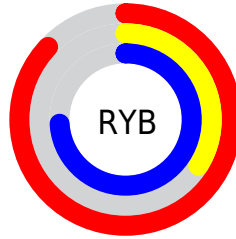
The YUV color **137.9930, 24.6535, 72.7971** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **169.0070, -24.6535, -72.7971**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.0020, 27.6070, 58.7572**, and **75.1660, 29.0052, 77.0304** is the 20% darker color. If you saturate the color by 10%, you get **124.5090, 28.8361, 84.6226**, and if you desaturate by 10%, it is **151.4770, 20.4708, 60.9717**.

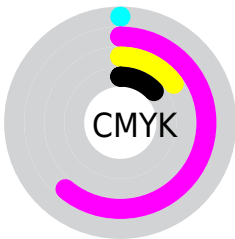
Distribution



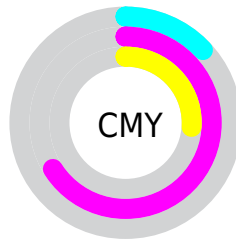
- Red (87%)
- Green (34%)
- Blue (74%)



- Red (87%)
- Yellow (34%)
- Blue (74%)



- Cyan (0%)
- Magenta (61%)
- Yellow (15%)
- Black (13%)





- Cyan (13%)
- Magenta (66%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.9930, 24.6535, 72.7971 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 137.9930, 24.6535, 72.7971 by changing the saturation by 10% instead.


 137.9930, 24.6535,
72.7971


 137.9930, 24.6535,
72.7971


255.0000, 0.0000,
0.0000


 108.6340, 25.8164,
73.1120


 188.0020, 27.6070,
58.7572

 75.1660, 29.0052,
77.0304


 205.6920, 24.3088,
43.2431

 52.4920, 27.8584,
71.4825

 222.7150, 15.9165,
28.3139

 41.2700, 21.0659,
56.7682

 239.7380, 7.5242,
13.3848

 30.5750, 14.9995,
42.4687

 20.5920, 9.0751,
29.2988

 7.3910, 3.7512,

10.1811

■ 0.0000, 0.0000,
0.0000

■ 137.9930, 24.6535,
72.7971

■ 137.9930, 24.6535,
72.7971

■ 124.5090, 28.8361,
84.6226

■ 151.4770, 20.4708,
60.9717

■ 110.9110, 32.5819,
96.5481

■ 165.0750, 16.7250,
49.0462

■ 97.4270, 36.7645,
108.3735

■ 178.5590, 12.5424,
37.2208

■ 85.1170, 40.3683,
119.1694

■ 192.1570, 8.7966,
25.2953

■ 206.2280, 4.3246,
12.9550

■ 219.7120, 0.1420,
1.1296

■ 233.3100, -3.6038,
-10.7959

■ 242.0980, -5.4713,
-18.5029

■ 242.7820, -2.8505,
-19.1028

Harmonies

Analogous

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



141.7540, 46.9563, 12.4937



137.9930, 24.6535, 72.7971



130.1110, -1.0407, 100.7577

Triad

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



137.9930, 24.6535, 72.7971



128.2260, -63.2154, 22.6038



120.7950, 43.9781, -105.9372

Complementary

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



137.9930, 24.6535, 72.7971



169.0070, -24.6535, -72.7971

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.



114.6560, 17.9176, -100.5533



137.9930, 24.6535, 72.7971



120.3320, -47.4917, -27.4782

Square

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



137.9930, 24.6535, 72.7971



130.8320, -62.0352, 64.1683



105.7130, -8.7325, -92.7103



121.2460, 63.4757, -106.3327

Rectangle

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



137.9930, 24.6535, 72.7971



130.2360, -20.8223, 98.8940



105.7130, -8.7325, -92.7103



119.3300, 35.8263, -104.6524

Sweetspot

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



137.9930, 24.6535, 72.7971



226.7440, 8.5072, 24.7805



110.9580, 54.2507, 6.1758



110.1790, 5.3348, 15.6290



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.



137.9930, 24.6535, 72.7971



140.5740, 33.7340, 100.3516



130.4690, -4.1752, 79.3957



103.2010, 1.8729, 5.9627



66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Inverse Universe

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



137.9930, 24.6535, 72.7971



140.5740, 33.7340, 100.3516



176.5310, 4.1752, -79.3957



103.2010, 1.8729, 5.9627



66.6610, 31.7191, 93.2593



17.7440, 8.5072, 24.7805

Previews

White Background



This preview shows how the YUV color 137.9930, 24.6535, 72.7971 looks on a white background.

Color Contrast Check

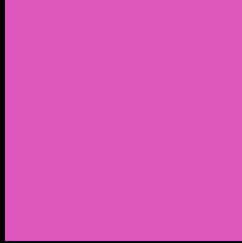
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9930, 24.6535, 72.7971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

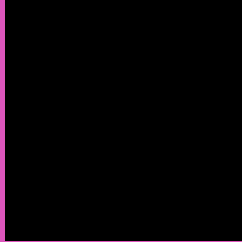
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.9930, 24.6535, 72.7971

Background



This preview shows how black text looks on a background with the YUV color 137.9930, 24.6535, 72.7971.



This preview shows how white text looks on a background with the YUV color 137.9930, 24.6535, 72.7971.

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

137.9930, 24.6535, 72.7971

Protanopia

136.3220, 45.1973, -30.1004

Deuteranopia

140.1080, 19.6668, -7.9877



Tritanopia

138.2040, -12.4256, 65.5961

Trichromacy



Original Color

137.9930, 24.6535, 72.7971



Protanomaly

136.9030, 37.5158, 7.1011



Deuteranomaly

139.1640, 21.6111, 21.7812



Tritanomaly

138.0700, 0.9515, 68.3446

Monochromacy



Original Color

137.9930, 24.6535, 72.7971



Achromatopsia

138.0000, 0.0000, 0.0000



Achromatomaly

137.8690, 8.9386, 26.4249

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.9930, 24.6535, 72.7971 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(221, 86, 188)` looks like.

```
.text, #text, p{  
    color:rgb(221, 86, 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(221, 86, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 86, 188) }
```

Border

The CSS property to change the border of an element to YUV 137.9930, 24.6535, 72.7971 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(221, 86, 188) }
```


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

```
.border{ border-color:rgb(221, 86, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 86, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 86, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 86, 188);  
box-shadow:4px 4px 4px 4px rgb(221, 86,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 137.9930, 24.6535, 72.7971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 86, 188) }
```

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

```
.background{ background-color: rgb(221, 86,  
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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