

Converting Colors

YUV(197.8870, 25.1987,
37.8101)

Have a look what the booklet for
YUV(197.8870, 25.1987, 37.8101)
contains.

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Color

**YUV(197.8870, 25.1987,
37.8101)**

Conversions

Conversions Part 1

Format	Color
Hex	F1A6F9
RGB	241, 166, 249
RGB Percent	95%, 65%, 98%
CMY	0.0549, 0.3490, 0.0235
CMYK	0.03, 0.33, 0.00, 0.02
HSL	294°, 87%, 81%
HSV	294°, 33%, 98%
XYZ	67.0107, 52.8128, 96.2846
YIQ	197.8870, 18.0570, 41.7130

Conversions

Conversions Part 2

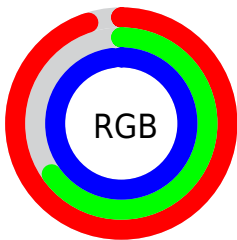
Format	Color
R _Y B	241, 166, 249
Decimal	15836921
CIE Lab	77.76, 40.86, -30.31
CIE LCh	78, 50.869, 323.433
Yxy	52.8128, 0.3101, 0.2444
Android (android.graphics.Color)	4294027001 (0xFFFF1A6F9)
YUV	197.8870, 25.1987, 37.8101
Hunter-Lab	72.6724, 37.4170, -27.6834

Details

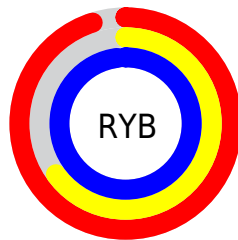
The YUV color **197.8870, 25.1987, 37.8101** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **217.1130, -25.1987, -37.8101**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.6290, 9.5499, 16.9884**, and **143.2350, 24.0411, 35.7509** is the 20% darker color. If you saturate the color by 10%, you get **182.6140, 32.7283, 49.4505**, and if you desaturate by 10%, it is **213.1600, 17.6691, 26.1697**.

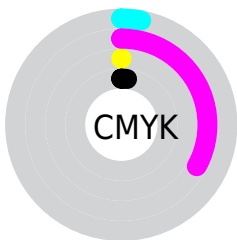
Distribution



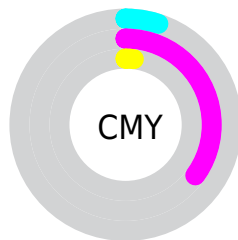
- Red (95%)
- Green (65%)
- Blue (98%)



- Red (95%)
- Yellow (65%)
- Blue (98%)



- Cyan (3%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 197.8870, 25.1987, 37.8101 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 197.8870, 25.1987, 37.8101 by changing the saturation by 10% instead.


 197.8870, 25.1987,
37.8101


 197.8870, 25.1987,
37.8101


255.0000, 0.0000,
0.0000


 170.0610, 24.6199,
36.7805


 235.6290, 9.5499,
16.9884


 143.2350, 24.0411,
35.7509

 252.6520, 1.1576,
2.0592

 116.5230, 23.8992,
34.6213

 90.6970, 23.3204,
33.5917

 65.3980, 23.4678,
32.9770

 37.7510, 24.7728,
34.4214

 22.8440, 20.2899,

25.5698

■ 14.0570, 13.7759,
14.8590

■ 2.8670, 8.4466,
-2.5144

■ 197.8870, 25.1987,
37.8101

■ 197.8870, 25.1987,
37.8101

■ 182.6140, 32.7283,
49.4505

■ 213.1600, 17.6691,
26.1697

■ 167.0420, 40.4053,
60.4762

■ 228.7320, 9.9921,
15.1440

■ 151.7690, 47.9349,
72.1166

■ 244.0050, 2.4625,
3.5036

■ 136.1970, 55.6119,
83.1422

■ 253.1200, -2.0312,
-1.8592

■ 121.5110, 62.8521,
94.2679

■ 253.7180, -2.3260,
-0.6297

■ 106.2380, 70.3817,
105.9083

■ 254.3160, -2.6208,
0.5999

■ 95.6610, 75.5961,
113.4303

Harmonies

Analogous

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



190.8980, 31.6023, -9.5575



197.8870, 25.1987, 37.8101



190.0130, 7.3886, 56.9936

Triad

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



197.8870, 25.1987, 37.8101



189.0100, -45.3609, 35.9482



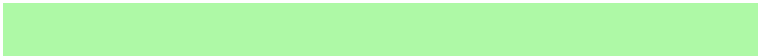
152.7840, 37.0815, -133.9916

Complementary

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



197.8870, 25.1987, 37.8101



217.1130, -25.1987, -37.8101

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.



159.2720, 10.2189, -104.6015



197.8870, 25.1987, 37.8101



184.7450, -40.3003, -0.6534

Square

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



197.8870, 25.1987, 37.8101



188.9000, -34.9537, 57.9697



177.4050, -21.3987, -43.3282



152.9270, 50.3220, -134.1170

Rectangle

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



197.8870, 25.1987, 37.8101



186.3650, -6.5889, 60.1929



177.4050, -21.3987, -43.3282



151.6610, 30.2401, -133.0067

Sweetspot

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



197.8870, 25.1987, 37.8101



239.7270, 7.5296, 11.6404



180.1580, 33.9391, -12.4166



118.0100, 4.9251, 7.0072



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.



197.8870, 25.1987, 37.8101



192.1360, 30.9920, 46.3617



196.5170, 9.6051, 46.0276



117.0700, 3.9095, 6.0776



72.6750, 57.3482, 86.2310



23.3990, 18.5373, 27.7141

Inverse Universe

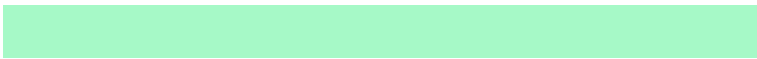
The Inverse Universe completely reimagines the original color for something new.



191.7290, -8.7404, 50.2267



184.6380, -10.6675, 61.7075



218.4830, -9.6051, -46.0276



116.1150, -1.0427, 7.7921



58.5630, -19.9976, 114.3932



18.9230, -6.3710, 36.9015

Previews

White Background



This preview shows how the YUV color 197.8870, 25.1987, 37.8101 looks on a white background.

Color Contrast Check

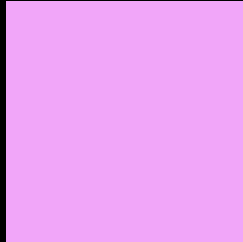
Large Text (above 18pt) WCAG AA × Fail

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 197.8870, 25.1987, 37.8101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

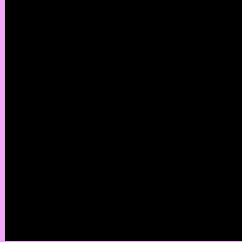
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.8870, 25.1987, 37.8101 Background



This preview shows how black text looks on a background with the YUV color 197.8870, 25.1987, 37.8101.



This preview shows how white text looks on a background with the YUV color 197.8870, 25.1987,

37.8101.

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

197.8870, 25.1987, 37.8101

Protanopia

192.6260, 30.7504, -16.3350

Deuteranopia

193.8890, 25.1977, -8.6727



Tritanopia

195.9270, -2.4290, 32.5130

Trichromacy



Original Color

197.8870, 25.1987, 37.8101



Protanomaly

194.2910, 28.9435, 3.2528



Deuteranomaly

195.5860, 24.8541, 8.2561



Tritanomaly

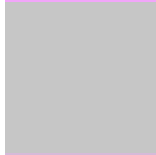
196.8700, 7.4591, 34.3170

Monochromacy



Original Color

197.8870, 25.1987, 37.8101



Achromatopsia

198.0000, 0.0000, 0.0000



Achromatomaly

197.9060, 9.4133, 14.1144

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.8870, 25.1987, 37.8101 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(241, 166, 249)` looks like.

```
.text, #text, p{  
    color:rgb(241, 166, 249)  
}
```

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(241, 166, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 166, 249) }
```

Border

The CSS property to change the border of an element to YUV 197.8870, 25.1987, 37.8101 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(241, 166, 249) }
```


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

```
.border{ border-color:rgb(241, 166, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 166, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 166, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 166, 249);  
box-shadow:4px 4px 4px 4px rgb(241, 166,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 197.8870, 25.1987, 37.8101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 166, 249) }
```

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

```
.background{ background-color: rgb(241,  
166, 249) }
```

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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