

Converting Colors

YUV(137.2100, 49.1965,
87.5158)

Have a look what the booklet for
YUV(137.2100, 49.1965, 87.5158)
contains.

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Color

**YUV(137.2100, 49.1965,
87.5158)**

Conversions

Conversions Part 1

Format	Color
Hex	ED43ED
RGB	237, 67, 237
RGB Percent	93%, 26%, 93%
CMY	0.0706, 0.7373, 0.0706
CMYK	0.00, 0.72, 0.00, 0.07
HSL	300°, 83%, 60%
HSV	300°, 72%, 93%
XYZ	52.2183, 28.1333, 82.7988
YIQ	137.2100, 46.7500, 88.9100

Conversions

Conversions Part 2

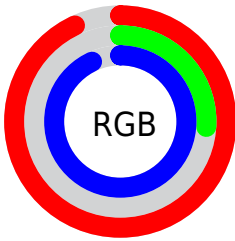
Format	Color
R _{YB}	237, 67, 237
Decimal	15549421
CIE _{Lab}	60.01, 81.89, -51.50
CIE _{LCh}	60, 96.735, 327.832
Yxy	28.1333, 0.3201, 0.1724
Android (android.graphics.Color)	4293739501 (0xFFED43ED)
YUV	137.2100, 49.1965, 87.5158
Hunter-Lab	53.0408, 82.9105, -55.4255

Details

The YUV color **137.2100, 49.1965, 87.5158** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **166.7900, -49.1965, -87.5158**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6250, 36.1739, 64.3499**, and **73.4430, 52.5326, 90.8195** is the 20% darker color. If you saturate the color by 10%, you get **123.1220, 56.1419, 99.8710**, and if you desaturate by 10%, it is **151.2980, 42.2511, 75.1607**.

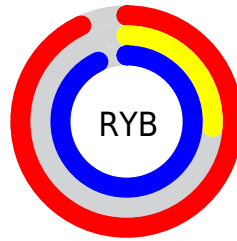
Distribution



Red (93%)

Green (26%)

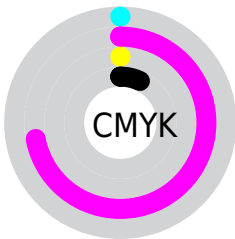
Blue (93%)



Red (93%)

Yellow (26%)

Blue (93%)

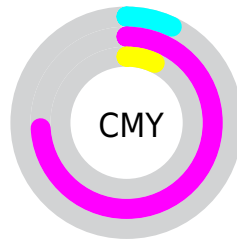


Cyan (0%)

Magenta (72%)

Yellow (0%)

Black (7%)



Cyan (7%)


Magenta (74%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.2100, 49.1965, 87.5158 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 137.2100, 49.1965, 87.5158 by changing the saturation by 10% instead.


 137.2100, 49.1965,
87.5158


 137.2100, 49.1965,
87.5158


255.0000, 0.0000,
0.0000

 99.1060, 53.6847,
94.6230


 181.6250, 36.1739,
64.3499


 73.4430, 52.5326,
90.8195


 199.2350, 27.4921,
48.9059

 61.6940, 45.0139,
75.6904


 216.8450, 18.8104,
33.4619

 49.9450, 37.4951,
60.5612

 234.4550, 10.1287,
18.0180

 38.4240, 30.8500,
45.2322

 252.0650, 1.4470,
2.5740

 27.8000, 23.7626,
31.7474

 15.4960, 17.9965,

14.4740

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 137.2100, 49.1965,
87.5158

■ 137.2100, 49.1965,
87.5158

■ 123.1220, 56.1419,
99.8710

■ 151.2980, 42.2511,
75.1607

■ 109.6210, 62.7978,
111.7114

■ 164.7990, 35.5951,
63.3203

■ 97.8810, 68.5857,
122.0074

■ 178.8870, 28.6497,
50.9651

■ 192.9750, 21.7043,
38.6099

■ 207.0630, 14.7589,
26.2547

■ 220.5640, 8.1029,
14.4144

■ 234.6520, 1.1576,
2.0592

■ 247.5660, -5.2090,
-9.2664

Harmonies

Analogous

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



135.3350, 58.9948, -22.2188



137.2100, 49.1965, 87.5158



93.9150, 30.1149, 141.2715

Triad

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



137.2100, 49.1965, 87.5158



135.7120, -66.9060, 39.7176



131.0820, 45.3156, -114.9589

Complementary

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



137.2100, 49.1965, 87.5158



166.7900, -49.1965, -87.5158

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.



120.5770, 7.6035, -105.7460



137.2100, 49.1965, 87.5158



123.7980, -61.0324, -24.3788

Square

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



137.2100, 49.1965, 87.5158



131.6560, -64.9064, 98.5257



106.6980, -32.8821, -93.5741



131.7950, 60.7401, -115.5842

Rectangle

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



137.2100, 49.1965, 87.5158



87.5310, 5.6542, 146.8703



106.6980, -32.8821, -93.5741



127.8900, 33.0852, -112.1595

Sweetspot

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



137.2100, 49.1965, 87.5158



222.1280, 16.2059, 28.8287



86.3800, 74.2557, -16.9963



108.0420, 9.8393, 17.5032



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.



137.2100, 49.1965, 87.5158



126.4470, 63.3766, 112.7410



127.5200, 12.0686, 96.0140



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Inverse Universe

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



137.2100, 49.1965, 87.5158



126.4470, 63.3766, 112.7410



176.4800, -12.0686, -96.0140



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 137.2100, 49.1965, 87.5158 looks on a white background.

Color Contrast Check

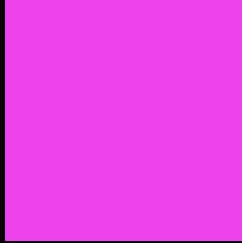
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.2100, 49.1965, 87.5158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

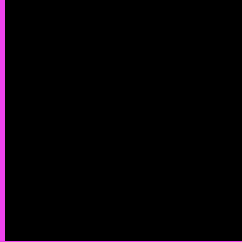
Any Text WCAG AA ✓ Pass

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 137.2100, 49.1965, 87.5158 Background



This preview shows how black text looks on a background with the YUV color 137.2100, 49.1965, 87.5158.



This preview shows how white text looks on a background with the YUV color 137.2100, 49.1965,

87.5158.

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

137.2100, 49.1965, 87.5158

Protanopia

139.0460, 57.1653, -42.1363

Deuteranopia

141.5620, 41.1349, -33.8189



Tritanopia

143.8840, -13.7468, 69.3847

Trichromacy



Original Color

137.2100, 49.1965, 87.5158



Protanomaly

138.2460, 54.1087, 5.0463



Deuteranomaly

140.2330, 43.7621, 10.3197



Tritanomaly

141.5900, 9.0761, 75.7816

Monochromacy



Original Color

137.2100, 49.1965, 87.5158



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

137.1930, 17.6529, 31.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.2100, 49.1965, 87.5158 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, 67, 237)` looks like.

```
.text, #text, p{  
    color:rgb(237, 67, 237)  
}
```

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, 67, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 67, 237) }
```

Border

The CSS property to change the border of an element to YUV 137.2100, 49.1965, 87.5158 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, 67, 237) }
```


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

```
.border{ border-color:rgb(237, 67, 237) }
```

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

Here you see how a box with a 4 pixel rgb(237, 67, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 67, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 67, 237);  
box-shadow:4px 4px 4px 4px rgb(237, 67,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 137.2100, 49.1965, 87.5158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 67, 237) }
```

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

```
.background{ background-color: rgb(237, 67,  
237) }
```

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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