

Converting Colors

YUV(136.2900, 58.0310,
100.6007)

Have a look what the booklet for
YUV(136.2900, 58.0310, 100.6007)
contains.

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Color

**YUV(136.2900, 58.0310,
100.6007)**

Conversions

Conversions Part 1

Format	Color
Hex	FB37FE
RGB	251, 55, 254
RGB Percent	98%, 22%, 100%
CMY	0.0157, 0.7843, 0.0039
CMYK	0.01, 0.78, 0.00, 0.00
HSL	299°, 99%, 61%
HSV	299°, 78%, 100%
XYZ	59.0392, 30.3974, 96.5215
YIQ	136.2900, 52.9370, 103.4410

Conversions

Conversions Part 2

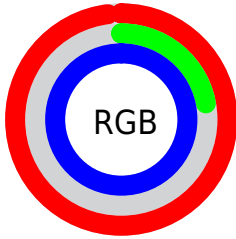
Format	Color
R _Y B	251, 55, 254
Decimal	16463870
CIE Lab	62.00, 90.43, -57.65
CIE LCh	62, 107.242, 327.482
Yxy	30.3974, 0.3175, 0.1635
Android (android.graphics.Color)	4294653950 (0xFFFB37FE)
YUV	136.2900, 58.0310, 100.6007
Hunter-Lab	55.1338, 94.6600, -65.2040

Details

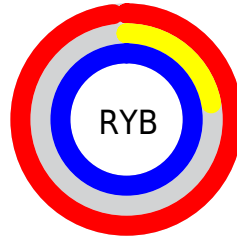
The YUV color **136.2900, 58.0310, 100.6007** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **172.7100, -58.0310, -100.6007**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1030, 37.9102, 67.4387**, and **79.1540, 57.6051, 97.2119** is the 20% darker color. If you saturate the color by 10%, you get **121.6150, 65.2658, 113.4706**, and if you desaturate by 10%, it is **150.9650, 50.7963, 87.7307**.

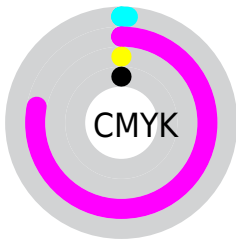
Distribution



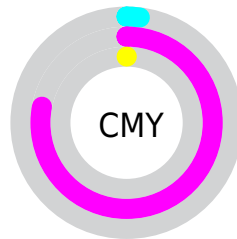
- Red (98%)
- Green (22%)
- Blue (100%)



- Red (98%)
- Yellow (22%)
- Blue (100%)



- Cyan (1%)
- Magenta (78%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (78%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.2900, 58.0310, 100.6007 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 136.2900, 58.0310, 100.6007 by changing the saturation by 10% instead.


 136.2900, 58.0310,
100.6007


 136.2900, 58.0310,
100.6007


255.0000, 0.0000,
0.0000


 91.4300, 65.8500,
112.7559


 178.1030, 37.9102,
67.4387


 79.1540, 57.6051,
97.2119


 196.3000, 28.9391,
51.4799

 67.1060, 50.2337,
81.4680


 214.4970, 19.9680,
35.5211

 55.0580, 42.8624,
65.7241

 232.6940, 10.9969,
19.5624

 43.3090, 35.3437,
50.5950

 250.3040, 2.3151,
4.1184

 32.0870, 28.5511,
35.8807

 19.9680, 22.2008,

19.3221

■ 4.7880, 18.3455,
-4.1991

■ 2.8670, 8.4466,
-2.5144

■ 136.2900, 58.0310,
100.6007

■ 136.2900, 58.0310,
100.6007

■ 121.6150, 65.2658,
113.4706

■ 150.9650, 50.7963,
87.7307

■ 106.0540, 72.9374,
126.2406

■ 166.5260, 43.1247,
74.9607

■ 103.7060, 74.0949,
128.2998

■ 181.2010, 35.8899,
62.0907

■ 196.7620, 28.2183,
49.3207

■ 211.4370, 20.9836,
36.4508

■ 226.1120, 13.7488,
23.5808

■ 241.6730, 6.0772,
10.8108

254.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



133.8070, 59.7481, -30.5257



136.2900, 58.0310, 100.6007



94.7130, 33.1725, 140.5717

Triad

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



136.2900, 58.0310, 100.6007



141.0390, -69.5322, 42.0618



137.2600, 48.6788, -120.3770

Complementary

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



136.2900, 58.0310, 100.6007



172.7100, -58.0310, -100.6007

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.



125.6150, 6.5988, -110.1644



136.2900, 58.0310, 100.6007



127.0100, -62.6159, -29.8268

Square

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



136.2900, 58.0310, 100.6007



133.1840, -65.6597, 106.8326



109.0970, -41.4598, -95.6781



136.4910, 58.4249, -119.7026

Rectangle

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



136.2900, 58.0310, 100.6007



87.6450, 6.0910, 146.7703



109.0970, -41.4598, -95.6781



133.7260, 35.1381, -117.2777

Sweetspot

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



136.2900, 58.0310, 100.6007



218.8940, 17.8003, 30.7880



79.4470, 86.0546, -21.4400



105.9820, 10.8549, 18.4328



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.



136.2900, 58.0310, 100.6007



112.9240, 70.0435, 121.0927



126.2430, 15.6562, 112.0429



120.0700, 3.9095, 6.0776



77.9860, 55.7159, 96.4823



26.1330, 18.6684, 32.3324

Inverse Universe

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



114.8430, -28.0236, 122.0407



87.2160, -33.6305, 147.1466



182.7570, -15.6562, -112.0429



118.8870, -1.9163, 7.9921



57.4510, -26.8443, 117.1225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 136.2900, 58.0310, 100.6007 looks on a white background.

Color Contrast Check

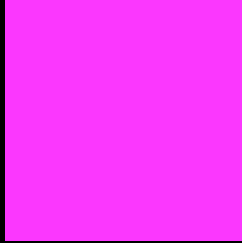
Large Text (above 18pt) WCAG AA × Fail

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 136.2900, 58.0310, 100.6007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

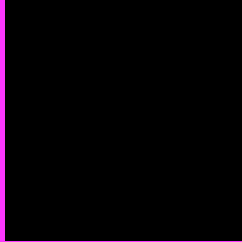
Any Text WCAG AA ✓ Pass

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 136.2900, 58.0310, 100.6007 Background



This preview shows how black text looks on a background with the YUV color 136.2900, 58.0310, 100.6007.



This preview shows how white text looks on a background with the YUV color 136.2900, 58.0310,

100.6007.

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

136.2900, 58.0310, 100.6007

Protanopia

145.5580, 53.9549, -39.0774

Deuteranopia

144.4130, 47.1244, -41.5812



Tritanopia

147.8850, -15.2263, 77.2769

Trichromacy



Original Color

136.2900, 58.0310, 100.6007



Protanomaly

142.6320, 55.3974, 11.7237



Deuteranomaly

141.1820, 51.1823, 10.3644



Tritanomaly

143.3400, 11.6644, 85.6478

Monochromacy



Original Color

136.2900, 58.0310, 100.6007



Achromatopsia

136.0000, 0.0000, 0.0000



Achromatomaly

136.4370, 20.9836, 36.4508

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2900, 58.0310, 100.6007 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(251, 55, 254)` looks like.

```
.text, #text, p{  
    color:rgb(251, 55, 254)  
}
```

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(251, 55, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 55, 254) }
```

Border

The CSS property to change the border of an element to YUV 136.2900, 58.0310, 100.6007 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(251, 55, 254) }
```


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

```
.border{ border-color:rgb(251, 55, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 55, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 55, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 55, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 55,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 136.2900, 58.0310, 100.6007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 55, 254) }
```

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

```
.background{ background-color: rgb(251, 55,  
254) }
```

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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