

Converting Colors

YUV(88.5590, 19.9374,
138.9528)

Have a look what the booklet for
YUV(88.5590, 19.9374, 138.9528)
contains.

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Color

**YUV(88.5590, 19.9374,
138.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	F70081
RGB	247, 0, 129
RGB Percent	97%, 0%, 51%
CMY	0.0314, 1.0000, 0.4941
CMYK	0.00, 1.00, 0.48, 0.03
HSL	329°, 100%, 48%
HSV	329°, 100%, 97%
XYZ	42.3202, 21.3591, 22.6611
YIQ	88.5590, 105.8030, 92.4830

Conversions

Conversions Part 2

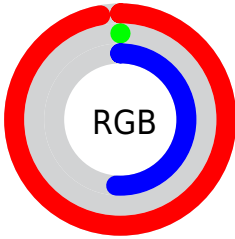
Format	Color
R_{YB}	247, 0, 129
Decimal	16187521
CIE _{Lab}	53.34, 82.92, 1.03
CIE _{LCh}	53, 82.929, 0.711
Yxy	21.3591, 0.4902, 0.2474
Android (android.graphics.Color)	4294377601 (0xFFFF70081)
YUV	88.5590, 19.9374, 138.9528
Hunter-Lab	46.2159, 82.5756, 3.2795

Details

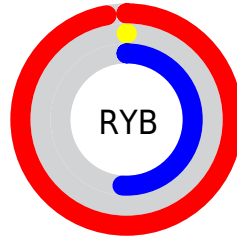
The YUV color **88.5590, 19.9374, 138.9528** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **158.4410, -19.9374, -138.9528**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5190, 13.5481, 88.1218**, and **64.1360, 7.8210, 105.1207** is the 20% darker color. If you saturate the color by 10%, you get **88.5590, 19.9374, 138.9528**, and if you desaturate by 10%, it is **104.6020, 17.9442, 124.8830**.

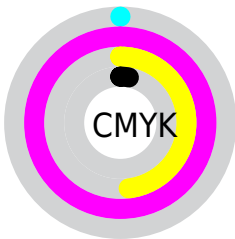
Distribution



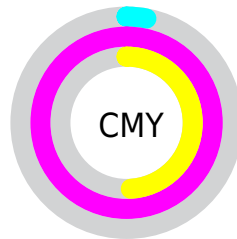
- Red (97%)
- Green (0%)
- Blue (51%)



- Red (97%)
- Yellow (0%)
- Blue (51%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.5590, 19.9374, 138.9528 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 88.5590, 19.9374, 138.9528 by changing the saturation by 10% instead.


 88.5590, 19.9374,
138.9528


 88.5590, 19.9374,
138.9528


255.0000, 0.0000,
0.0000


 76.1410, 13.7345,
121.7793


 154.5190, 13.5481,
88.1218


 64.1360, 7.8210,
105.1207


 176.3810, 16.0812,
68.9489


 52.3590, 2.7810,
88.2622


 197.7700, 19.3404,
50.1907

 40.6960, -1.8221,
71.3036

 217.4320, 18.5210,
32.9471

 29.2180, -7.0095,
55.0598

 235.6290, 9.5499,
16.9884

 18.5810, -7.6814,
37.2015

 253.2390, 0.8682,

 6.8770, -3.3904,

1.5444

14.1399

■ 0.0000, 0.0000,
0.0000

■ 88.5590, 19.9374,
138.9528

■ 104.6020, 17.9442,
124.8830

■ 120.0580, 16.2404,
111.3281

■ 135.9870, 13.8104,
97.3584

■ 152.0300, 11.8172,
83.2887

■ 168.0730, 9.8240,
69.2190

■ 183.5290, 8.1202,
55.6641

■ 199.5720, 6.1270,
41.5944

■ 215.5010, 3.6970,
27.6246

■ 230.9570, 1.9932,
14.0697

Harmonies

Analogous

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



121.5820, 38.1671, 78.4196



88.5590, 19.9374, 138.9528



107.2600, -23.7922, 118.1670

Triad

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



88.5590, 19.9374, 138.9528



108.4480, -53.4649, -24.9489



118.0660, 66.5225, -103.5439

Complementary

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



88.5590, 19.9374, 138.9528



158.4410, -19.9374, -138.9528

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.



114.8450, 41.4884, -100.7191



88.5590, 19.9374, 138.9528



95.5110, -22.4369, -83.7631

Square

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



88.5590, 19.9374, 138.9528



119.1220, -58.7271, 29.7110



106.6370, 10.0390, -93.5206



109.4890, 71.7369, -96.0219

Rectangle

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



88.5590, 19.9374, 138.9528



113.9250, -56.1650, 94.7818



106.6370, 10.0390, -93.5206



118.1170, 59.1023, -103.5886

Sweetspot

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



88.5590, 19.9374, 138.9528



206.1700, 5.8322, 42.8239



62.5430, 90.9373, 46.0048



98.4900, 3.7024, 25.8803



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.



88.5590, 19.9374, 138.9528



91.4070, 20.5053, 143.4711



74.7650, -32.9151, 151.0501



114.3860, 1.2887, 6.6775



66.6720, 14.9517, 104.6507



21.1750, 4.8437, 33.1725

Inverse Universe

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



88.5590, 19.9374, 138.9528



91.4070, 20.5053, 143.4711



172.2350, 32.9151, -151.0501



114.3860, 1.2887, 6.6775



66.6720, 14.9517, 104.6507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 88.5590, 19.9374, 138.9528 looks on a white background.

Color Contrast Check

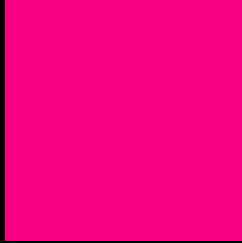
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.5590, 19.9374, 138.9528 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 88.5590, 19.9374, 138.9528

Background



This preview shows how black text looks on a background with the YUV color 88.5590, 19.9374, 138.9528.



This preview shows how white text looks on a background with the YUV color 88.5590, 19.9374,

138.9528.

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

88.5590, 19.9374, 138.9528

Protanopia

128.6430, 28.2770, -16.3499

Deuteranopia

129.7090, -5.2795, 13.4102



Tritanopia

108.5220, -27.8653, 117.9372

Trichromacy



Original Color

88.5590, 19.9374, 138.9528



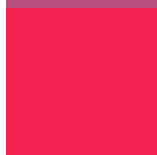
Protanomaly

114.1970, 25.0459, 40.1692



Deuteranomaly

114.8130, 4.0362, 58.9230



Tritanomaly

100.8600, -10.2840, 125.5338

Monochromacy



Original Color

88.5590, 19.9374, 138.9528



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

88.9690, 7.4103, 50.0162

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5590, 19.9374, 138.9528 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(247, 0, 129)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 129)  
}
```

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(247, 0, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 129) }
```

Border

The CSS property to change the border of an element to YUV 88.5590, 19.9374, 138.9528 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(247, 0, 129) }
```


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

```
.border{ border-color:rgb(247, 0, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 0, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 129);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 88.5590, 19.9374, 138.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 129) }
```

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

```
.background{ background-color: rgb(247, 0,  
129) }
```

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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