

Converting Colors

YUV(87.8170, 11.9222,
143.1115)

Have a look what the booklet for
YUV(87.8170, 11.9222, 143.1115)
contains.

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Color

**YUV(87.8170, 11.9222,
143.1115)**

Conversions

Conversions Part 1

Format	Color
Hex	FB0070
RGB	251, 0, 112
RGB Percent	98%, 0%, 44%
CMY	0.0157, 1.0000, 0.5608
CMYK	0.00, 1.00, 0.55, 0.02
HSL	333°, 100%, 49%
HSV	333°, 100%, 98%
XYZ	42.7083, 21.6791, 17.2627
YIQ	87.8170, 113.6440, 88.0440

Conversions

Conversions Part 2

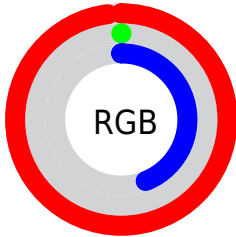
Format	Color
R_{YB}	251, 0, 112
Decimal	16449648
CIE _{Lab}	53.68, 82.60, 11.90
CIE _{LCh}	54, 83.454, 8.198
Yxy	21.6791, 0.5231, 0.2655
Android (android.graphics.Color)	4294639728 (0xFFFB0070)
YUV	87.8170, 11.9222, 143.1115
Hunter-Lab	46.5608, 82.2492, 10.6104

Details

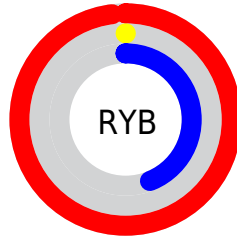
The YUV color **87.8170, 11.9222, 143.1115** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **163.1830, -11.9222, -143.1115**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3530, 5.2490, 90.0214**, and **63.3230, 0.8268, 108.4647** is the 20% darker color. If you saturate the color by 10%, you get **87.8170, 11.9222, 143.1115**, and if you desaturate by 10%, it is **104.0880, 10.8026, 128.8418**.

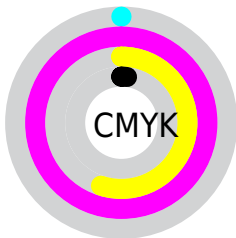
Distribution



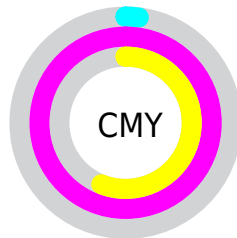
- Red (98%)
- Green (0%)
- Blue (44%)



- Red (98%)
- Yellow (0%)
- Blue (44%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.8170, 11.9222, 143.1115 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 87.8170, 11.9222, 143.1115 by changing the saturation by 10% instead.

 87.8170, 11.9222,
143.1115


 87.8170, 11.9222,
143.1115


255.0000, 0.0000,
0.0000


 75.5130, 6.1561,
125.8381


 152.3530, 5.2490,
90.0214


 63.3230, 0.8268,
108.4647


 174.2150, 7.7820,
70.8484


 51.3610, -3.6290,
90.8914


 195.6040, 11.0412,
52.0903

 39.8120, -7.7953,
73.8329

 216.4060, 14.5898,
33.8469

 28.2630, -11.9617,
56.7743

 235.6290, 9.5499,
16.9884

 18.5810, -7.6814,
37.2015

253.8260, 0.5788,

 7.5890, -3.2484,

1.0296

15.2694

■ 0.0000, 0.0000,
0.0000

■ 87.8170, 11.9222,
143.1115

■ 104.0880, 10.8026,
128.8418

■ 120.3590, 9.6830,
114.5722

■ 136.6300, 8.5634,
100.3025

■ 152.9010, 7.4438,
86.0328

■ 169.6450, 5.5980,
71.3483

■ 185.9160, 4.4784,
57.0787

■ 202.1870, 3.3588,
42.8090

■ 218.4580, 2.2392,
28.5393

■ 234.7290, 1.1196,
14.2697

Harmonies

Analogous

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



116.0250, 33.0187, 96.4481



87.8170, 11.9222, 143.1115



112.3440, -34.6796, 110.2003

Triad

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



87.8170, 11.9222, 143.1115



102.7230, -50.6424, -43.6071



117.1200, 67.9748, -102.7142

Complementary

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



87.8170, 11.9222, 143.1115



163.1830, -11.9222, -143.1115

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.



117.3700, 48.6246, -102.9335



87.8170, 11.9222, 143.1115



99.0790, -13.8429, -86.8923

Square

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



87.8170, 11.9222, 143.1115



118.7460, -58.5418, 16.8858



109.5040, 18.4855, -96.0350



106.5540, 73.1839, -93.4479

Rectangle

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



87.8170, 11.9222, 143.1115



117.6910, -58.0217, 83.5860



109.5040, 18.4855, -96.0350



119.0120, 65.0701, -104.3735

Sweetspot

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



87.8170, 11.9222, 143.1115



205.6000, 3.6482, 43.3238



69.8760, 89.2941, 59.7447



98.0340, 1.9552, 26.2802



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.



87.8170, 11.9222, 143.1115



89.2410, 12.2062, 145.3706



82.6800, -40.7612, 147.6166



116.5710, 0.7045, 7.3922



66.0870, 8.8311, 107.7947



21.3170, 2.8017, 34.8020

Inverse Universe

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



87.8170, 11.9222, 143.1115



89.2410, 12.2062, 145.3706



168.3200, 40.7612, -147.6166



116.5710, 0.7045, 7.3922



66.0870, 8.8311, 107.7947



21.3170, 2.8017, 34.8020

Previews

White Background



This preview shows how the YUV color 87.8170, 11.9222, 143.1115 looks on a white background.

Color Contrast Check

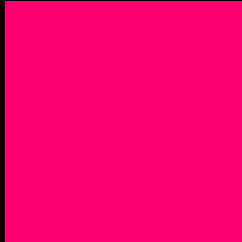
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.8170, 11.9222, 143.1115 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 87.8170, 11.9222, 143.1115

Background



This preview shows how black text looks on a background with the YUV color 87.8170, 11.9222, 143.1115.



This preview shows how white text looks on a background with the YUV color 87.8170, 11.9222,

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

87.8170, 11.9222, 143.1115

Protanopia

129.8970, 16.3198, -7.8027

Deuteranopia

129.8640, -13.7370, 19.4133



Tritanopia

105.5830, -30.3604, 124.8997

Trichromacy



Original Color

87.8170, 11.9222, 143.1115



Protanomaly

114.1950, 14.6939, 47.1870



Deuteranomaly

114.6690, -4.2738, 64.3113



Tritanomaly

99.3400, -14.9576, 131.2518

Monochromacy



Original Color

87.8170, 11.9222, 143.1115



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.8830, 4.4947, 51.8456

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.8170, 11.9222, 143.1115 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, 0, 112)` looks like.

```
.text, #text, p{  
    color:rgb(251, 0, 112)  
}
```

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, 0, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 0, 112) }
```

Border

The CSS property to change the border of an element to YUV 87.8170, 11.9222, 143.1115 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, 0, 112) }
```


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

```
.border{ border-color:rgb(251, 0, 112) }
```

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

Here you see how a box with a 4 pixel rgb(251, 0, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 0, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 0, 112);  
box-shadow:4px 4px 4px 4px rgb(251, 0,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 87.8170, 11.9222, 143.1115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 0, 112) }
```

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

```
.background{ background-color: rgb(251, 0,  
112) }
```

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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