

Converting Colors

YUV(94.8030, 19.8171,
130.8458)

Have a look what the booklet for
YUV(94.8030, 19.8171, 130.8458)
contains.

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Color

**YUV(94.8030, 19.8171,
130.8458)**

Conversions

Conversions Part 1

Format	Color
Hex	F40B87
RGB	244, 11, 135
RGB Percent	96%, 4%, 53%
CMY	0.0431, 0.9569, 0.4706
CMYK	0.00, 0.95, 0.45, 0.04
HSL	328°, 91%, 50%
HSV	328°, 95%, 96%
XYZ	41.8011, 21.2217, 24.8147
YIQ	94.8030, 99.0640, 87.9600

Conversions

Conversions Part 2

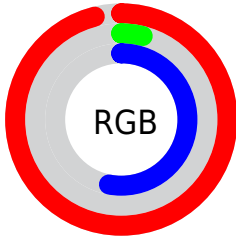
Format	Color
R_{YB}	244, 11, 135
Decimal	15993735
CIE _{Lab}	53.19, 82.00, -2.87
CIE _{LCh}	53, 82.048, 357.996
Yxy	21.2217, 0.4759, 0.2416
Android (android.graphics.Color)	4294183815 (0xFFFF40B87)
YUV	94.8030, 19.8171, 130.8458
Hunter-Lab	46.0670, 81.3530, 0.3095

Details

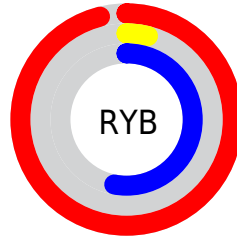
The YUV color **94.8030, 19.8171, 130.8458** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **160.1970, -19.8171, -130.8458**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.3770, 15.5901, 86.4924**, and **63.9230, 10.8840, 102.6765** is the 20% darker color. If you saturate the color by 10%, you get **87.7760, 20.8164, 137.0084**, and if you desaturate by 10%, it is **110.1450, 17.6765, 117.3908**.

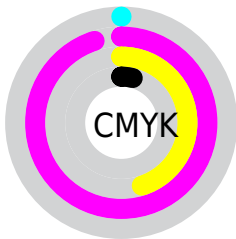
Distribution



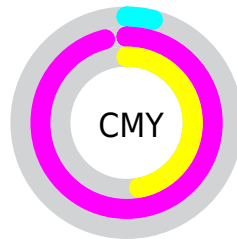
- Red (96%)
- Green (4%)
- Blue (53%)



- Red (96%)
- Yellow (4%)
- Blue (53%)



- Cyan (0%)
- Magenta (95%)
- Yellow (45%)
- Black (4%)





- Cyan (4%)
- Magenta (96%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.8030, 19.8171, 130.8458 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 94.8030, 19.8171, 130.8458 by changing the saturation by 10% instead.


 94.8030, 19.8171,
130.8458


 94.8030, 19.8171,
130.8458


255.0000, 0.0000,
0.0000


 75.9280, 16.7975,
119.3351

 156.3770, 15.5901,
86.4924


 63.9230, 10.8840,
102.6765


 177.7660, 18.8494,
67.7342


 52.0320, 5.4072,
85.9179


 199.1550, 22.1086,
48.9761

 40.5540, 0.2199,
69.6741

 218.0190, 18.2316,
32.4323

 29.3040, -4.0939,
53.2304

 236.2160, 9.2605,
16.4736

 17.9830, -7.3866,
35.9719

253.8260, 0.5788,

 6.2790, -3.0955,

1.0296

12.9103

■ 0.0000, 0.0000,
0.0000

■ 94.8030, 19.8171,
130.8458

■ 94.8030, 19.8171,
130.8458

■ 87.7760, 20.8164,
137.0084

■ 110.1450, 17.6765,
117.3908

■ 126.1880, 15.6833,
103.3211

■ 141.5300, 13.5427,
89.8662

■ 157.5730, 11.5495,
75.7965

■ 172.9150, 9.4089,
62.3415

188.2570, 7.2683,
48.8866

204.3000, 5.2751,
34.8169

219.6420, 3.1345,
21.3620

235.6850, 1.1413,
7.2923

Harmonies

Analogous

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



123.7660, 39.0624, 71.2422



94.8030, 19.8171, 130.8458



106.5960, -20.0138, 119.6263

Triad

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



94.8030, 19.8171, 130.8458



109.6660, -54.0653, -19.0011



117.3820, 63.9017, -102.9440

Complementary

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



94.8030, 19.8171, 130.8458



160.1970, -19.8171, -130.8458

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.



114.0470, 38.4308, -100.0192



94.8030, 19.8171, 130.8458



94.1260, -25.2051, -82.5485

Square

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



94.8030, 19.8171, 130.8458



119.4430, -58.8854, 33.8145



105.2520, 7.2708, -92.3060



110.0760, 71.4475, -96.5367

Rectangle

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



94.8030, 19.8171, 130.8458



113.6570, -49.6239, 96.7708



105.2520, 7.2708, -92.3060



116.8460, 56.7709, -102.4739

Sweetspot

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



94.8030, 19.8171, 130.8458



207.5720, 6.1270, 41.5944



70.1530, 85.7066, 43.7158



99.1910, 3.8498, 25.2655



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.



94.8030, 19.8171, 130.8458



91.7490, 21.8157, 143.1711



81.5790, -30.8514, 142.4432



114.3860, 1.2887, 6.6775



66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Inverse Universe

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



94.8030, 19.8171, 130.8458



91.7490, 21.8157, 143.1711



173.4210, 30.8514, -142.4432



114.3860, 1.2887, 6.6775



66.9000, 15.8253, 104.4507



21.1750, 4.8437, 33.1725

Previews

White Background



This preview shows how the YUV color 94.8030, 19.8171, 130.8458 looks on a white background.

Color Contrast Check

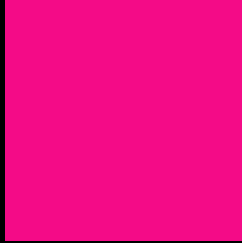
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.8030, 19.8171, 130.8458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

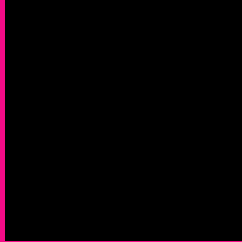
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 94.8030, 19.8171, 130.8458

Background



This preview shows how black text looks on a background with the YUV color 94.8030, 19.8171, 130.8458.



This preview shows how white text looks on a background with the YUV color 94.8030, 19.8171,

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

94.8030, 19.8171, 130.8458

Protanopia

127.1740, 32.9452, -20.3236

Deuteranopia

129.4960, -2.2165, 10.9660



Tritanopia

109.7280, -26.9809, 114.2485

Trichromacy



Original Color

94.8030, 19.8171, 130.8458



Protanomaly

115.3750, 28.4091, 34.7511



Deuteranomaly

116.9480, 5.9416, 54.4196



Tritanomaly

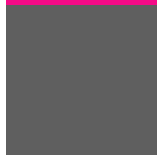
103.9410, -9.8309, 120.2007

Monochromacy



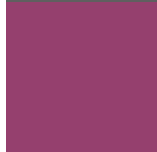
Original Color

94.8030, 19.8171, 130.8458



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.6590, 7.5631, 47.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.8030, 19.8171, 130.8458 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(244, 11, 135)` looks like.

```
.text, #text, p{  
    color:rgb(244, 11, 135)  
}
```

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(244, 11, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 11, 135) }
```

Border

The CSS property to change the border of an element to YUV 94.8030, 19.8171, 130.8458 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(244, 11, 135) }
```


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

```
.border{ border-color:rgb(244, 11, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 11, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 11, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 11, 135);  
box-shadow:4px 4px 4px 4px rgb(244, 11,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 94.8030, 19.8171, 130.8458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 11, 135) }
```

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

```
.background{ background-color: rgb(244, 11,  
135) }
```

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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