

Converting Colors

YUV(86.5940, 19.9202, 97.7031)

Have a look what the booklet for
YUV(86.5940, 19.9202, 97.7031)
contains.

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Color

**YUV(86.5940, 19.9202,
97.7031)**

Conversions

Conversions Part 1

Format	Color
Hex	C6167F
RGB	198, 22, 127
RGB Percent	78%, 9%, 50%
CMY	0.2235, 0.9137, 0.5020
CMYK	0.00, 0.89, 0.36, 0.22
HSL	324°, 80%, 43%
HSV	324°, 89%, 78%
XYZ	27.4064, 14.1119, 21.3581
YIQ	86.5940, 71.1910, 69.9670

Conversions

Conversions Part 2

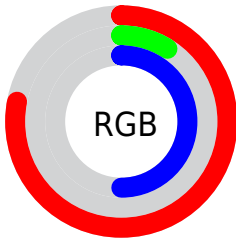
Format	Color
R_{YB}	198, 22, 127
Decimal	12981887
CIE _{Lab}	44.39, 70.01, -12.08
CIE _{LCh}	44, 71.045, 350.210
Yxy	14.1119, 0.4359, 0.2244
Android (android.graphics.Color)	4291171967 (0xFFC6167F)
YUV	86.5940, 19.9202, 97.7031
Hunter-Lab	37.5658, 64.4857, -7.4133

Details

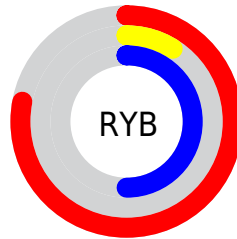
The YUV color **86.5940, 19.9202, 97.7031** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **133.4060, -19.9202, -97.7031**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.9430, 13.8321, 90.3810**, and **50.4530, 13.5807, 77.6557** is the 20% darker color. If you saturate the color by 10%, you get **73.9420, 22.2136, 108.7989**, and if you desaturate by 10%, it is **99.2460, 17.6267, 86.6073**.

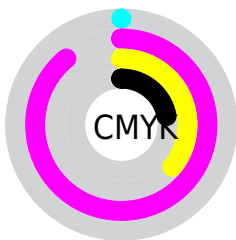
Distribution



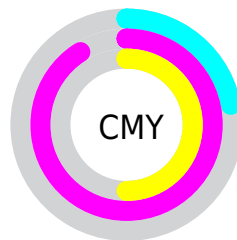
- Red (78%)
- Green (9%)
- Blue (50%)



- Red (78%)
- Yellow (9%)
- Blue (50%)



- Cyan (0%)
- Magenta (89%)
- Yellow (36%)
- Black (22%)





- Cyan (22%)
- Magenta (91%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.5940, 19.9202, 97.7031 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 86.5940, 19.9202, 97.7031 by changing the saturation by 10% instead.


 86.5940, 19.9202,
97.7031


 86.5940, 19.9202,
97.7031


255.0000, 0.0000,
0.0000


 61.8600, 19.7890,
93.0848

 151.9430, 13.8321,
90.3810


 50.4530, 13.5807,
77.6557


 172.0440, 17.2333,
72.7524


 38.8610, 7.9565,
61.5119


 192.3730, 21.5081,
54.9239

 28.0950, 2.9112,
46.3977

 212.1490, 21.1255,
37.5803

 17.0580, -4.4656,
32.3981

 229.1720, 12.7332,
22.6512

 2.0930, -1.0318,
4.3034

 246.7820, 4.0515,

 0.0000, 0.0000,

7.2072

0.0000

■ 86.5940, 19.9202,
97.7031

■ 86.5940, 19.9202,
97.7031

■ 73.9420, 22.2136,
108.7989

■ 99.2460, 17.6267,
86.6073

■ 72.6540, 22.3556,
109.9284

■ 111.8980, 15.3333,
75.5115

■ 123.9630, 13.3292,
64.9304

■ 136.6150, 11.0358,
53.8346

■ 149.2670, 8.7424,
42.7388

■ 161.9190, 6.4489,
31.6430

■ 174.5710, 4.1555,
20.5472

■ 186.6360, 2.1515,
9.9662

■ 199.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



104.9490, 37.9861, 43.0177



86.5940, 19.9202, 97.7031



83.7220, -7.7509, 106.3608

Triad

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



86.5940, 19.9202, 97.7031



93.8280, -46.2572, -3.3572



97.4800, 48.5704, -85.4900

Complementary

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



86.5940, 19.9202, 97.7031



133.4060, -19.9202, -97.7031

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.



92.7260, 25.2781, -81.3207



86.5940, 19.9202, 97.7031



74.2700, -30.2061, -65.1348

Square

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



86.5940, 19.9202, 97.7031



99.4080, -49.0081, 39.1072



85.1850, -1.0772, -74.7072



94.6880, 63.2578, -83.0414

Rectangle

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



86.5940, 19.9202, 97.7031



93.1240, -31.1201, 88.4683



85.1850, -1.0772, -74.7072



96.3570, 41.7290, -84.5051

Sweetspot

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



86.5940, 19.9202, 97.7031



211.3050, 7.7376, 38.3205



62.9940, 66.5580, 25.4383



101.9950, 4.4395, 22.8064



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.



86.5940, 19.9202, 97.7031



93.5730, 28.8045, 141.5715



76.6760, -18.0813, 106.4011



93.2610, 0.8573, 5.0331



59.7950, 18.3421, 90.5108



13.1580, 3.8661, 20.0324

Inverse Universe

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



86.5940, 19.9202, 97.7031



93.5730, 28.8045, 141.5715



143.3240, 18.0813, -106.4011



93.2610, 0.8573, 5.0331



59.7950, 18.3421, 90.5108



13.1580, 3.8661, 20.0324

Previews

White Background



This preview shows how the YUV color 86.5940, 19.9202, 97.7031 looks on a white background.

Color Contrast Check

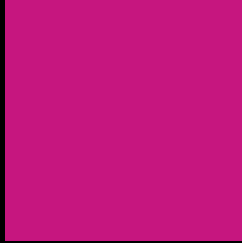
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 86.5940, 19.9202, 97.7031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

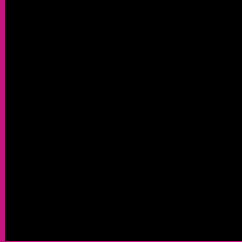
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5940, 19.9202, 97.7031

Background



This preview shows how black text looks on a background with the YUV color 86.5940, 19.9202, 97.7031.



This preview shows how white text looks on a background with the YUV color 86.5940, 19.9202,

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

86.5940, 19.9202, 97.7031

Protanopia

103.8790, 37.0347, -25.3269

Deuteranopia

107.1020, 5.3727, 3.4185



Tritanopia

95.0880, -19.7634, 85.8688

Trichromacy



Original Color

86.5940, 19.9202, 97.7031

Protanomaly

97.5580, 30.7839, 19.6816

Deuteranomaly

99.9890, 10.3584, 37.7206

Tritanomaly

92.1930, -5.5181, 90.1617

Monochromacy



Original Color

86.5940, 19.9202, 97.7031

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.5820, 7.6011, 35.4466

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5940, 19.9202, 97.7031 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(198, 22, 127)` looks like.

```
.text, #text, p{  
    color:rgb(198, 22, 127)  
}
```

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(198, 22, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 22, 127) }
```

Border

The CSS property to change the border of an element to YUV 86.5940, 19.9202, 97.7031 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(198, 22, 127) }
```


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

```
.border{ border-color:rgb(198, 22, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 22, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 22, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 22, 127);  
box-shadow:4px 4px 4px 4px rgb(198, 22,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 86.5940, 19.9202, 97.7031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 22, 127) }
```

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

```
.background{ background-color: rgb(198, 22,  
127) }
```

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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