

Converting Colors

YUV(97.8500, 51.8390, 79.9386)

Have a look what the booklet for
YUV(97.8500, 51.8390, 79.9386)
contains.

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Color

**YUV(97.8500, 51.8390,
79.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	BD1FCB
RGB	189, 31, 203
RGB Percent	74%, 12%, 80%
CMY	0.2588, 0.8784, 0.2039
CMYK	0.07, 0.85, 0.00, 0.20
HSL	295°, 74%, 46%
HSV	295°, 85%, 80%
XYZ	32.2557, 16.1106, 57.9095
YIQ	97.8500, 38.9560, 86.9880

Conversions

Conversions Part 2

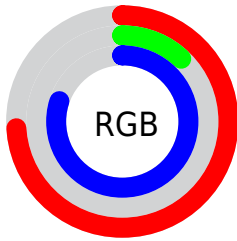
Format	Color
R_{YB}	189, 31, 203
Decimal	12394443
CIE Lab	47.12, 76.69, -53.22
CIE LCh	47, 93.348, 325.245
Yxy	16.1106, 0.3035, 0.1516
Android (android.graphics.Color)	4290584523 (0xFFBD1FCB)
YUV	97.8500, 51.8390, 79.9386
Hunter-Lab	40.1380, 73.2049, -57.4447

Details

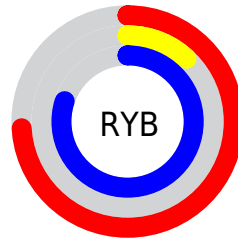
The YUV color **97.8500, 51.8390, 79.9386** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **136.1500, -51.8389, -79.9385**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2210, 45.7400, 76.1052**, and **56.0410, 45.3358, 65.7390** is the 20% darker color. If you saturate the color by 10%, you get **85.5120, 57.9216, 89.0050**, and if you desaturate by 10%, it is **110.1880, 45.7563, 70.8721**.

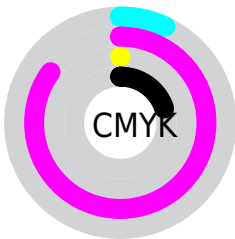
Distribution



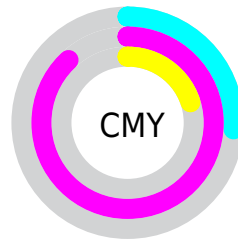
- Red (74%)
- Green (12%)
- Blue (80%)



- Red (74%)
- Yellow (12%)
- Blue (80%)



- Cyan (7%)
- Magenta (85%)
- Yellow (0%)
- Black (20%)




- Cyan (26%)
- Magenta (88%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.8500, 51.8390, 79.9386 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 97.8500, 51.8390, 79.9386 by changing the saturation by 10% instead.


 97.8500, 51.8390,
79.9386


 97.8500, 51.8390,
79.9386


255.0000, 0.0000,
0.0000


 67.7900, 52.8545,
80.8682


 162.2210, 45.7400,
76.1052


 56.0410, 45.3358,
65.7390


 181.0380, 36.4633,
64.8647


 44.2920, 37.8170,
50.6099


 198.6480, 27.7815,
49.4207

 33.0700, 31.0245,
35.8956

 215.6710, 19.3892,
34.4915

 22.1470, 24.0845,
21.7961

 233.2810, 10.7075,
19.0476

 8.4620, 19.4922,
1.3488

 250.8910, 2.0257,

 3.5510, 11.0674,

3.6036

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 97.8500, 51.8390,
79.9386

■ 97.8500, 51.8390,
79.9386

■ 85.5120, 57.9216,
89.0050

■ 110.1880, 45.7563,
70.8721

■ 78.7560, 61.2523,
94.0530

■ 122.8140, 39.5317,
60.6761

■ 135.1520, 33.4491,
51.6097

■ 147.4900, 27.3664,
42.5433

■ 159.5290, 21.4312,
32.8621

■ 172.4540, 15.0592,
23.2808

■ 184.7920, 8.9765,
14.2144

■ 196.8310, 3.0413,
4.5332

■ 209.7560, -3.3307,
-5.0480

Harmonies

Analogous

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



93.4840, 79.6274, -60.0605



97.8500, 51.8390, 79.9386



85.4550, 20.9747, 132.9050

Triad

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



97.8500, 51.8390, 79.9386



105.5880, -52.0549, 36.3183



103.5320, 36.2197, -90.7976

Complementary

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



97.8500, 51.8390, 79.9386



136.1500, -51.8389, -79.9385

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.



93.7110, 1.1285, -82.1845



97.8500, 51.8390, 79.9386



94.8920, -46.7818, -21.8303

Square

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



97.8500, 51.8390, 79.9386



97.0910, -47.8659, 92.8822



80.4190, -39.6466, -70.5275



109.7680, 65.1904, -96.2665

Rectangle

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



97.8500, 51.8390, 79.9386



80.8370, -1.8916, 140.4630



80.4190, -39.6466, -70.5275



100.5680, 24.8630, -88.1981

Sweetspot

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



97.8500, 51.8390, 79.9386



215.9370, 19.2581, 29.8733



58.8260, 71.0778, -24.4034



103.9110, 11.8759, 17.6181



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.



97.8500, 51.8390, 79.9386



99.0360, 76.8903, 118.3634



93.8280, 18.3258, 95.7438



95.8310, 3.0413, 4.5332



64.3720, 50.1026, 76.8498



14.7970, 11.4391, 17.7180

Inverse Universe

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



84.0240, -19.2388, 104.3420



78.6390, -28.4160, 154.6686



140.1720, -18.3258, -95.7438



95.1040, -1.0373, 6.0478



51.1160, -18.7912, 100.7533



11.7040, -4.2911, 23.0616

Previews

White Background



This preview shows how the YUV color 97.8500, 51.8390, 79.9386 looks on a white background.

Color Contrast Check

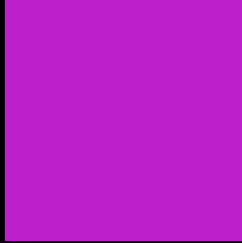
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.8500, 51.8390, 79.9386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

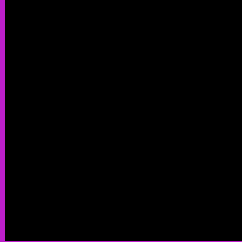
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.8500, 51.8390, 79.9386

Background



This preview shows how black text looks on a background with the YUV color 97.8500, 51.8390, 79.9386.



This preview shows how white text looks on a background with the YUV color 97.8500, 51.8390,

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

97.8500, 51.8390, 79.9386

Protanopia

90.2030, 68.9199, -79.1080

Deuteranopia

105.1370, 42.3305, -43.9701



Tritanopia

111.1920, -10.9407, 55.9596

Trichromacy



Original Color

97.8500, 51.8390, 79.9386



Protanomaly

93.2580, 62.4838, -21.2743



Deuteranomaly

102.6340, 45.5364, 1.1980



Tritanomaly

106.2080, 11.7295, 64.7156

Monochromacy



Original Color

97.8500, 51.8390, 79.9386



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

98.1110, 18.6793, 28.8437

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.8500, 51.8390, 79.9386 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(189, 31, 203)` looks like.

```
.text, #text, p{  
    color:rgb(189, 31, 203)  
}
```

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(189, 31, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 31, 203) }
```

Border

The CSS property to change the border of an element to YUV 97.8500, 51.8390, 79.9386 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(189, 31, 203) }
```


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

```
.border{ border-color:rgb(189, 31, 203) }
```

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

Here you see how a box with a 4 pixel rgb(189, 31, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 31, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 31, 203);  
box-shadow:4px 4px 4px 4px rgb(189, 31,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 97.8500, 51.8390, 79.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 31, 203) }
```

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

```
.background{ background-color: rgb(189, 31,  
203) }
```

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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