

Converting Colors

YUV(86.9190, 0.0399, 80.7550)

Have a look what the booklet for
YUV(86.9190, 0.0399, 80.7550)
contains.

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Color

**YUV(86.9190, 0.0399,
80.7550)**

Conversions

Conversions Part 1

Format	Color
Hex	B32857
RGB	179, 40, 87
RGB Percent	70%, 16%, 34%
CMY	0.2980, 0.8431, 0.6588
CMYK	0.00, 0.78, 0.51, 0.30
HSL	340°, 63%, 43%
HSV	340°, 78%, 70%
XYZ	21.0695, 11.7894, 10.1819
YIQ	86.9190, 67.7570, 44.0850

Conversions

Conversions Part 2

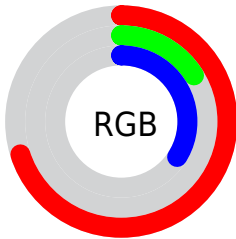
Format	Color
R_{YB}	179, 40, 87
Decimal	11741271
CIE _{Lab}	40.88, 57.43, 7.29
CIE _{LCh}	41, 57.895, 7.233
Yxy	11.7894, 0.4895, 0.2739
Android (android.graphics.Color)	4289931351 (0xFFB32857)
YUV	86.9190, 0.0399, 80.7550
Hunter-Lab	34.3357, 49.4459, 6.4531

Details

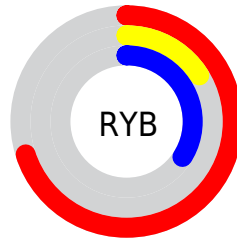
The YUV color **86.9190, 0.0399, 80.7550** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **132.0810, -0.0399, -80.7550**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.4910, -4.1861, 82.8844**, and **40.6680, 0.6567, 69.5742** is the 20% darker color. If you saturate the color by 10%, you get **74.9850, 0.0074, 91.2212**, and if you desaturate by 10%, it is **98.8530, 0.0725, 70.2889**.

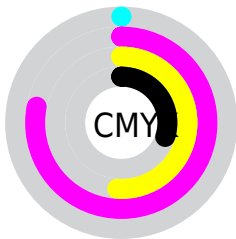
Distribution



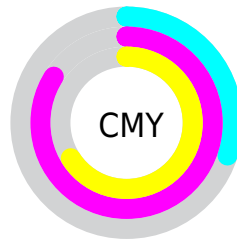
- Red (70%)
- Green (16%)
- Blue (34%)



- Red (70%)
- Yellow (16%)
- Blue (34%)



- Cyan (0%)
- Magenta (78%)
- Yellow (51%)
- Black (30%)



- Cyan (30%)
- Magenta (84%)
- Yellow (66%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9190, 0.0399, 80.7550 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 86.9190, 0.0399, 80.7550 by changing the saturation by 10% instead.

■ 86.9190, 0.0399,
80.7550

■ 86.9190, 0.0399,
80.7550

■ 255.0000, 0.0000,
0.0000

■ 51.8470, 5.9914,
85.2032

■ 145.4910, -4.1861,
82.8844

■ 40.6680, 0.6567,
69.5742

■ 169.3760, -3.1434,
75.0922

■ 29.7170, -3.8045,
53.7452

■ 188.8900, 0.5472,
57.9785

■ 19.6630, -8.7079,
39.7605

■ 208.4040, 4.2378,
40.8647

■ 9.6820, -4.2802,
19.5729

■ 228.7330, 8.5126,
23.0362

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 4.0515,

■ 86.9190, 0.0399,
80.7550

■ 86.9190, 0.0399,
80.7550

■ 74.9850, 0.0074,
91.2212

■ 98.8530, 0.0725,
70.2889

■ 63.0510, -0.0251,
101.6873

■ 110.7870, 0.1050,
59.8228

■ 60.4750, 0.2588,
103.9464

■ 122.7210, 0.1375,
49.3567

■ 134.5410, -0.2667,
38.9905

■ 146.4750, -0.2342,
28.5244

■ 157.8220, 0.0878,
18.5731

■ 169.7560, 0.1203,
8.1070

■ 181.6900, 0.1528,
-2.3591

■ 193.6240, 0.1854,
-12.8252

Harmonies

Analogous

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



94.5260, 19.4607, 58.2977



86.9190, 0.0399, 80.7550



89.5610, -23.9406, 72.2990

Triad

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



86.9190, 0.0399, 80.7550



80.4280, -39.6510, -22.3004



86.1330, 48.2484, -75.5386

Complementary

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



86.9190, 0.0399, 80.7550



132.0810, -0.0399, -80.7550

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.



86.1210, 32.9713, -75.5281



86.9190, 0.0399, 80.7550



74.0030, -8.3825, -64.9006

Square

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



86.9190, 0.0399, 80.7550



89.5190, -44.1329, 15.3308



80.8770, 12.8786, -70.9291



79.8870, 54.7787, -70.0609

Rectangle

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



86.9190, 0.0399, 80.7550



90.2930, -41.0634, 57.6250



80.8770, 12.8786, -70.9291



86.9820, 43.8859, -76.2832

Sweetspot

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



86.9190, 0.0399, 80.7550



196.8990, 0.0498, 30.7836



82.7560, 47.4483, 41.4330



95.2350, 0.3771, 19.0879



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.9190, 0.0399, 80.7550



88.9060, 0.0463, 125.4934



93.8880, -26.5668, 74.6432



83.0330, -0.0163, 5.2331



51.6750, 0.1602, 88.8620



8.8000, 0.0986, 15.0844

Inverse Universe

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



86.9190, 0.0399, 80.7550



88.9060, 0.0463, 125.4934



125.1120, 26.5668, -74.6432



83.0330, -0.0163, 5.2331



51.6750, 0.1602, 88.8620



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 86.9190, 0.0399, 80.7550 looks on a white background.

Color Contrast Check

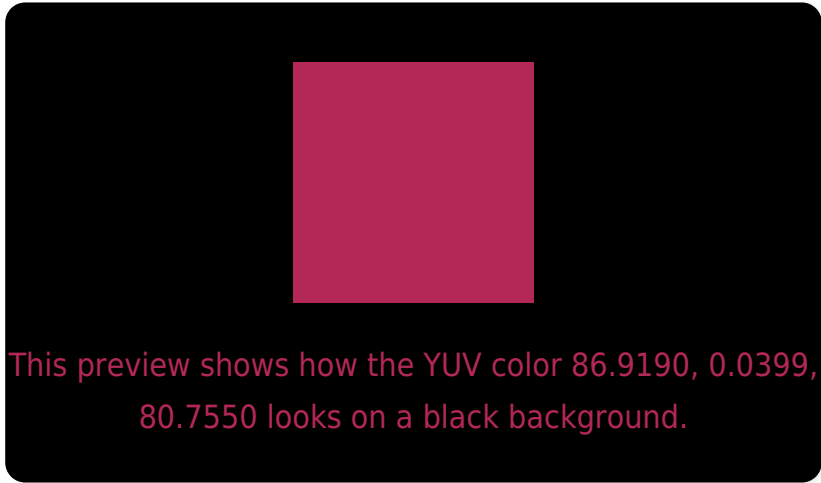
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 86.9190, 0.0399, 80.7550

Background



This preview shows how black text looks on a background with the YUV color 86.9190, 0.0399, 80.7550.



This preview shows how white text looks on a background with the YUV color 86.9190, 0.0399,

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

86.9190, 0.0399, 80.7550

Protanopia

98.0840, 9.3256, -4.4587

Deuteranopia

98.0850, -8.9159, 13.0805



Tritanopia

87.5000, -17.9945, 78.4915

Trichromacy



Original Color

86.9190, 0.0399, 80.7550

Protanomaly

93.7720, 6.0284, 26.5100

Deuteranomaly

93.8630, -5.3555, 37.8311

Tritanomaly

87.5200, -11.5954, 79.3510

Monochromacy



Original Color

86.9190, 0.0399, 80.7550

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8880, 0.0552, 29.0392

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9190, 0.0399, 80.7550 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(179, 40, 87)` looks like.

```
.text, #text, p{  
    color:rgb(179, 40, 87)  
}
```

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(179, 40, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 40, 87) }
```

Border

The CSS property to change the border of an element to YUV 86.9190, 0.0399, 80.7550 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(179, 40, 87) }
```


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

```
.border{ border-color:rgb(179, 40, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 40, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 40, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 40, 87);  
box-shadow:4px 4px 4px 4px rgb(179, 40,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 86.9190, 0.0399, 80.7550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 40, 87) }
```

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

```
.background{ background-color: rgb(179, 40,  
87) }
```

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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