

Converting Colors

YUV(81.8760, 39.0081, 88.6857)

Have a look what the booklet for
YUV(81.8760, 39.0081, 88.6857)
contains.

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Color

**YUV(81.8760, 39.0081,
88.6857)**

Conversions

Conversions Part 1

Format	Color
Hex	B70FA1
RGB	183, 15, 161
RGB Percent	72%, 6%, 63%
CMY	0.2824, 0.9412, 0.3686
CMYK	0.00, 0.92, 0.12, 0.28
HSL	308°, 85%, 39%
HSV	308°, 92%, 72%
XYZ	26.1323, 12.9821, 34.8467
YIQ	81.8760, 53.2620, 81.0220

Conversions

Conversions Part 2

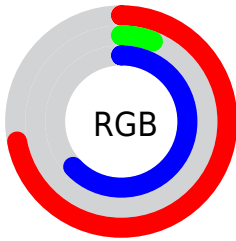
Format	Color
R_{YB}	183, 15, 161
Decimal	11997089
CIE _{Lab}	42.74, 71.95, -35.53
CIE _{LCh}	43, 80.247, 333.717
Yxy	12.9821, 0.3533, 0.1755
Android (android.graphics.Color)	4290187169 (0xFFB70FA1)
YUV	81.8760, 39.0081, 88.6857
Hunter-Lab	36.0307, 66.4083, -32.1201

Details

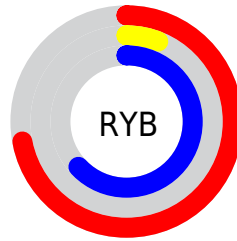
The YUV color **81.8760, 39.0081, 88.6857** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **116.1240, -39.0081, -88.6857**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.1110, 32.4833, 81.4637**, and **49.8010, 29.1851, 65.9495** is the 20% darker color. If you saturate the color by 10%, you get **72.8430, 42.4754, 96.6077**, and if you desaturate by 10%, it is **92.6700, 34.6727, 79.2194**.

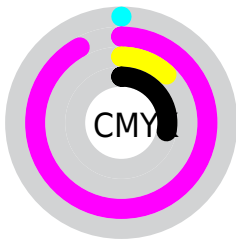
Distribution



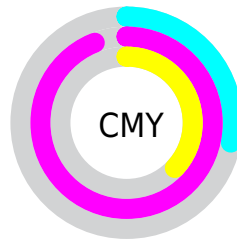
- Red (72%)
- Green (6%)
- Blue (63%)



- Red (72%)
- Yellow (6%)
- Blue (63%)



- Cyan (0%)
- Magenta (92%)
- Yellow (12%)
- Black (28%)



- Cyan (28%)
- Magenta (94%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8760, 39.0081, 88.6857 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 81.8760, 39.0081, 88.6857 by changing the saturation by 10% instead.

81.8760, 39.0081,
88.6857

81.8760, 39.0081,
88.6857

255.0000, 0.0000,
0.0000

61.3220, 35.8303,
81.2786

150.1110, 32.4833,
81.4637

49.8010, 29.1851,
65.9495

174.6150, 34.6998,
70.4976

38.5790, 22.3926,
51.2352

192.7780, 30.6754,
54.5687

27.7700, 15.8894,
37.0357

209.8010, 22.2831,
39.6395

17.1890, 10.2598,
22.6362

226.8240, 13.8908,
24.7104

2.1830, 5.8258,
-1.9145

244.4340, 5.2090,

0.0000, 0.0000,

9.2664

0.0000

■ 81.8760, 39.0081,
88.6857

■ 81.8760, 39.0081,
88.6857

■ 72.8430, 42.4754,
96.6077

■ 92.6700, 34.6727,
79.2194

■ 104.1650, 30.4847,
69.1383

■ 114.9590, 26.1492,
59.6720

■ 125.8670, 22.2506,
50.1056

■ 137.2480, 17.6257,
40.1245

■ 148.0420, 13.2903,
30.6582

■ 158.9500, 9.3917,
21.0919

■ 169.7440, 5.0562,
11.6255

■ 181.2390, 0.8682,
1.5444

Harmonies

Analogous

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



100.2670, 55.5774, 0.6428



81.8760, 39.0081, 88.6857



74.0330, 10.8297, 120.1201

Triad

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



81.8760, 39.0081, 88.6857



93.9710, -46.3277, 19.3194



94.3850, 39.2502, -82.7756

Complementary

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



81.8760, 39.0081, 88.6857



116.1240, -39.0081, -88.6857

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.



86.8610, 10.4215, -76.1771



81.8760, 39.0081, 88.6857



80.9380, -39.9024, -35.0256

Square

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



81.8760, 39.0081, 88.6857



93.0830, -45.8899, 65.7022



76.7780, -20.5966, -67.3343



97.3950, 60.9373, -85.4154

Rectangle

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



81.8760, 39.0081, 88.6857



68.5330, -7.6578, 123.1896



76.7780, -20.5966, -67.3343



92.5780, 29.7880, -81.1909

Sweetspot

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



81.8760, 39.0081, 88.6857



197.2320, 15.1686, 34.8765



40.1320, 70.4339, -4.5008



95.3630, 9.6810, 21.6066



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



81.8760, 39.0081, 88.6857



94.3470, 55.0449, 125.1067



72.5280, 3.1907, 96.8839



86.6030, 2.1677, 4.7332



62.0340, 35.9722, 82.4082



11.1080, 6.3558, 14.8143

Inverse Universe

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



81.8760, 39.0081, 88.6857



94.3470, 55.0449, 125.1067



125.4720, -3.1907, -96.8839



86.6030, 2.1677, 4.7332



62.0340, 35.9722, 82.4082



11.1080, 6.3558, 14.8143

Previews

White Background



This preview shows how the YUV color 81.8760, 39.0081, 88.6857 looks on a white background.

Color Contrast Check

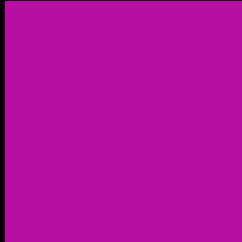
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.8760, 39.0081, 88.6857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

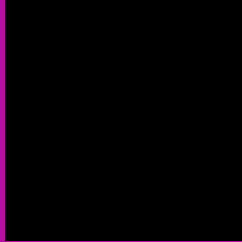
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.8760, 39.0081, 88.6857

Background



This preview shows how black text looks on a background with the YUV color 81.8760, 39.0081, 88.6857.



This preview shows how white text looks on a background with the YUV color 81.8760, 39.0081,

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

81.8760, 39.0081, 88.6857

Protanopia

82.0530, 63.0779, -71.9605

Deuteranopia

101.3070, 24.4986, -17.8092



Tritanopia

97.3460, -14.4676, 67.2256

Trichromacy



Original Color

81.8760, 39.0081, 88.6857



Protanomaly

81.8370, 54.3104, -13.0120



Deuteranomaly

94.0420, 30.0523, 21.0112



Tritanomaly

91.5530, 5.1504, 74.9370

Monochromacy



Original Color

81.8760, 39.0081, 88.6857



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

82.2810, 14.1585, 32.2026

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8760, 39.0081, 88.6857 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(183, 15, 161)` looks like.

```
.text, #text, p{  
    color:rgb(183, 15, 161)  
}
```

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(183, 15, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 15, 161) }
```

Border

The CSS property to change the border of an element to YUV 81.8760, 39.0081, 88.6857 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(183, 15, 161) }
```


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

```
.border{ border-color:rgb(183, 15, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 15, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 15, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 15, 161);  
box-shadow:4px 4px 4px 4px rgb(183, 15,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 81.8760, 39.0081, 88.6857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 15, 161) }
```

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

```
.background{ background-color: rgb(183, 15,  
161) }
```

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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