

Converting Colors

YUV(85.2780, 39.3029, 87.4562)

Have a look what the booklet for
YUV(85.2780, 39.3029, 87.4562)
contains.

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Color

**YUV(85.2780, 39.3029,
87.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	B913A5
RGB	185, 19, 165
RGB Percent	73%, 7%, 65%
CMY	0.2745, 0.9255, 0.3529
CMYK	0.00, 0.90, 0.11, 0.27
HSL	307°, 81%, 40%
HSV	307°, 90%, 73%
XYZ	27.0320, 13.4966, 36.7777
YIQ	85.2780, 52.0700, 80.5980

Conversions

Conversions Part 2

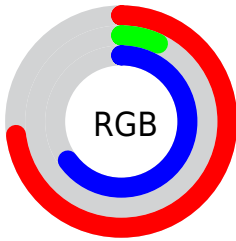
Format	Color
R_{YB}	185, 19, 165
Decimal	12129189
CIE _{Lab}	43.50, 72.34, -36.70
CIE _{LCh}	44, 81.113, 333.103
Yxy	13.4966, 0.3497, 0.1746
Android (android.graphics.Color)	4290319269 (0xFFB913A5)
YUV	85.2780, 39.3029, 87.4562
Hunter-Lab	36.7378, 67.0508, -33.6379

Details

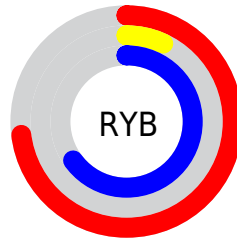
The YUV color **85.2780, 39.3029, 87.4562** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **118.7220, -39.3029, -87.4562**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4530, 33.7937, 81.1637**, and **50.8550, 30.6375, 66.7792** is the 20% darker color. If you saturate the color by 10%, you get **73.8970, 43.9278, 97.4373**, and if you desaturate by 10%, it is **96.0720, 34.9675, 77.9899**.

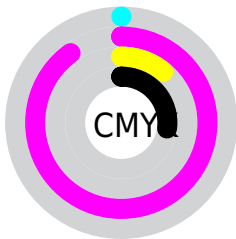
Distribution



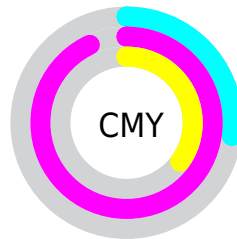
- Red (73%)
- Green (7%)
- Blue (65%)



- Red (73%)
- Yellow (7%)
- Blue (65%)



- Cyan (0%)
- Magenta (90%)
- Yellow (11%)
- Black (27%)



- Cyan (27%)
- Magenta (93%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2780, 39.3029, 87.4562 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 85.2780, 39.3029, 87.4562 by changing the saturation by 10% instead.

85.2780, 39.3029,
87.4562

85.2780, 39.3029,
87.4562

255.0000, 0.0000,
0.0000

62.3760, 37.2826,
82.1082

152.4530, 33.7937,
81.1637

50.8550, 30.6375,
66.7792

175.6580, 36.1576,
69.5829

39.6330, 23.8449,
52.0649

193.3650, 30.3861,
54.0539

28.8240, 17.3418,
37.8654

210.9750, 21.7043,
38.6099

17.8300, 11.4228,
22.9511

227.9980, 13.3120,
23.6808

2.0520, 7.8624,
-1.7996

245.6080, 4.6303,

0.0000, 0.0000,

8.2368

0.0000

■ 85.2780, 39.3029,
87.4562

■ 85.2780, 39.3029,
87.4562

■ 73.8970, 43.9278,
97.4373

■ 96.0720, 34.9675,
77.9899

■ 107.4530, 30.3427,
68.0087

■ 118.3610, 26.4440,
58.4424

■ 129.7420, 21.8192,
48.4613

■ 140.5360, 17.4838,
38.9949

■ 151.9170, 12.8589,
29.0138

■ 162.8250, 8.9603,
19.4475

■ 174.2060, 4.3354,
9.4663

■ 185.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



101.7120, 57.3300, -1.5014



85.2780, 39.3029, 87.4562



75.2720, 11.6979, 121.6645

Triad

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



85.2780, 39.3029, 87.4562



96.3410, -47.4961, 20.7489



96.2600, 38.8188, -84.4200

Complementary

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



85.2780, 39.3029, 87.4562



118.7220, -39.3029, -87.4562

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.



88.0350, 9.8427, -77.2067



85.2780, 39.3029, 87.4562



83.0090, -40.9234, -34.2109

Square

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



85.2780, 39.3029, 87.4562



94.8660, -46.7689, 67.6465



77.8380, -21.6121, -68.2639



98.9110, 61.6689, -86.7449

Rectangle

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



85.2780, 39.3029, 87.4562



69.9570, -7.3738, 125.4487



77.8380, -21.6121, -68.2639



93.8660, 29.6461, -82.3205

Sweetspot

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



85.2780, 39.3029, 87.4562



200.9330, 15.3160, 34.2618



43.6050, 69.7077, -4.9156



96.5370, 9.1023, 20.5771



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.



85.2780, 39.3029, 87.4562



95.8140, 56.7867, 126.4511



75.9300, 3.4855, 95.6544



86.6030, 2.1677, 4.7332



62.2620, 36.8458, 82.2082



11.2220, 6.7926, 14.7143

Inverse Universe

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



85.2780, 39.3029, 87.4562



95.8140, 56.7867, 126.4511



128.0700, -3.4855, -95.6544



86.6030, 2.1677, 4.7332



62.2620, 36.8458, 82.2082



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 85.2780, 39.3029, 87.4562 looks on a white background.

Color Contrast Check

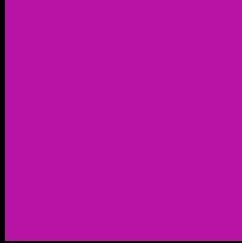
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.2780, 39.3029, 87.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

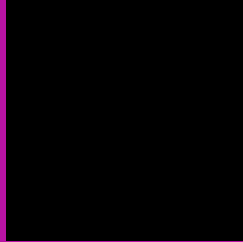
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.2780, 39.3029, 87.4562

Background



This preview shows how black text looks on a background with the YUV color 85.2780, 39.3029, 87.4562.



This preview shows how white text looks on a background with the YUV color 85.2780, 39.3029,

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

85.2780, 39.3029, 87.4562

Protanopia

82.9820, 64.0989, -72.7752

Deuteranopia

102.9370, 25.6671, -19.2387



Tritanopia

100.0470, -14.3202, 66.6108

Trichromacy



Original Color

85.2780, 39.3029, 87.4562



Protanomaly

84.0540, 55.1894, -14.9564



Deuteranomaly

96.5580, 30.7839, 19.6816



Tritanomaly

94.8410, 5.0084, 73.8074

Monochromacy



Original Color

85.2780, 39.3029, 87.4562



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

84.9820, 14.3059, 31.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2780, 39.3029, 87.4562 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(185, 19, 165)` looks like.

```
.text, #text, p{  
    color:rgb(185, 19, 165)  
}
```

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(185, 19, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 19, 165) }
```

Border

The CSS property to change the border of an element to YUV 85.2780, 39.3029, 87.4562 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(185, 19, 165) }
```


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

```
.border{ border-color:rgb(185, 19, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 19, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 19, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 19, 165);  
box-shadow:4px 4px 4px 4px rgb(185, 19,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 85.2780, 39.3029, 87.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 19, 165) }
```

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

```
.background{ background-color: rgb(185, 19,  
165) }
```

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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