

Converting Colors

YUV(83.7930, 41.5141, 78.2345)

Have a look what the booklet for
YUV(83.7930, 41.5141, 78.2345)
contains.

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Color

**YUV(83.7930, 41.5141,
78.2345)**

Conversions

Conversions Part 1

Format	Color
Hex	AD16A8
RGB	173, 22, 168
RGB Percent	68%, 9%, 66%
CMY	0.3216, 0.9137, 0.3412
CMYK	0.00, 0.87, 0.03, 0.32
HSL	302°, 77%, 38%
HSV	302°, 87%, 68%
XYZ	24.5884, 12.2852, 38.1211
YIQ	83.7930, 43.1300, 77.4180

Conversions

Conversions Part 2

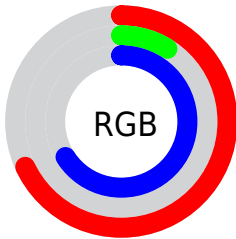
Format	Color
R_{YB}	173, 22, 168
Decimal	11343528
CIE _{Lab}	41.67, 70.03, -41.54
CIE _{LCh}	42, 81.423, 329.327
Yxy	12.2852, 0.3279, 0.1638
Android (android.graphics.Color)	4289533608 (0xFFAD16A8)
YUV	83.7930, 41.5141, 78.2345
Hunter-Lab	35.0503, 63.8829, -39.9494

Details

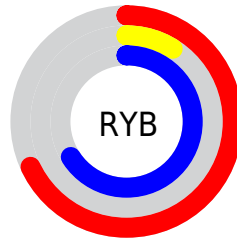
The YUV color **83.7930, 41.5141, 78.2345** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **111.2070, -41.5141, -78.2345**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3210, 37.3097, 73.3865**, and **47.7940, 33.1326, 59.8167** is the 20% darker color. If you saturate the color by 10%, you get **73.7000, 45.9969, 87.0861**, and if you desaturate by 10%, it is **93.8860, 37.0312, 69.3830**.

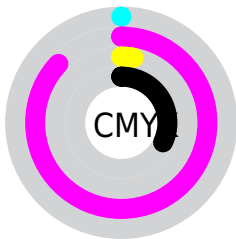
Distribution



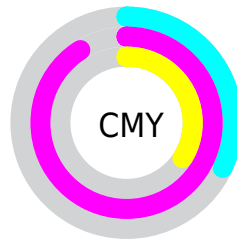
- Red (68%)
- Green (9%)
- Blue (66%)



- Red (68%)
- Yellow (9%)
- Blue (66%)



- Cyan (0%)
- Magenta (87%)
- Yellow (3%)
- Black (32%)



- Cyan (32%)
- Magenta (91%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.7930, 41.5141, 78.2345 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 83.7930, 41.5141, 78.2345 by changing the saturation by 10% instead.

83.7930, 41.5141,
78.2345

83.7930, 41.5141,
78.2345

255.0000, 0.0000,
0.0000

59.1300, 40.3619,
74.4310

148.3210, 37.3097,
73.3865

47.7940, 33.1326,
59.8167

175.5270, 38.1942,
69.6978

36.5720, 26.3400,
45.1024

192.7780, 30.6754,
54.5687

26.0620, 19.6894,
31.5176

209.8010, 22.2831,
39.6395

15.0680, 13.7705,
16.6034

226.8240, 13.8908,
24.7104

2.9810, 8.8834,
-2.6143

244.4340, 5.2090,

0.0000, 0.0000,

9.2664

0.0000

■ 83.7930, 41.5141,
78.2345

■ 83.7930, 41.5141,
78.2345

■ 73.7000, 45.9969,
87.0861

■ 93.8860, 37.0312,
69.3830

■ 70.7650, 47.4439,
89.6601

■ 104.4520, 31.8222,
60.1166

■ 114.5450, 27.3393,
51.2650

■ 124.5240, 22.4197,
42.5135

■ 135.2040, 17.6474,
33.1471

■ 145.1830, 12.7278,
24.3955

■ 155.2760, 8.2449,
15.5439

■ 165.3690, 3.7621,
6.6924

■ 175.9350, -1.4470,
-2.5740

Harmonies

Analogous

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



94.1120, 60.5838, -18.5152



83.7930, 41.5141, 78.2345



73.9340, 14.3295, 117.5759

Triad

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



83.7930, 41.5141, 78.2345



92.8300, -45.7652, 25.5821



91.9570, 35.0242, -80.6463

Complementary

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



83.7930, 41.5141, 78.2345



111.2070, -41.5141, -78.2345

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.



83.6180, 5.6113, -73.3330



83.7930, 41.5141, 78.2345



81.2920, -40.0770, -25.6891

Square

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



83.7930, 41.5141, 78.2345



88.9960, -43.8750, 72.7945



72.8510, -28.0275, -63.8903



95.5370, 58.8953, -83.7859

Rectangle

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



83.7930, 41.5141, 78.2345



69.2170, -5.0370, 122.5897



72.8510, -28.0275, -63.8903



89.4490, 25.4146, -78.4468

Sweetspot

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



83.7930, 41.5141, 78.2345



189.7260, 15.9111, 30.0583



40.1110, 65.5143, -13.2523



91.3410, 9.6919, 18.1179



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



83.7930, 41.5141, 78.2345



91.7140, 61.7660, 116.0148



75.4710, 9.6278, 85.5329



81.6030, 2.1677, 4.7332



61.3800, 41.2247, 77.7197



9.3850, 6.2192, 11.9404

Inverse Universe

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



83.7930, 41.5141, 78.2345



91.7140, 61.7660, 116.0148



119.5290, -9.6278, -85.5329



81.6030, 2.1677, 4.7332



61.3800, 41.2247, 77.7197



9.3850, 6.2192, 11.9404

Previews

White Background



This preview shows how the YUV color 83.7930, 41.5141, 78.2345 looks on a white background.

Color Contrast Check

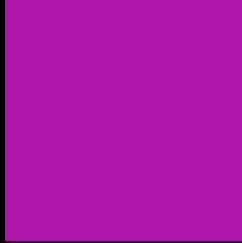
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.7930, 41.5141, 78.2345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

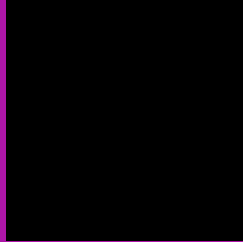
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.7930, 41.5141, 78.2345

Background



This preview shows how black text looks on a background with the YUV color 83.7930, 41.5141, 78.2345.



This preview shows how white text looks on a background with the YUV color 83.7930, 41.5141,

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

83.7930, 41.5141, 78.2345

Protanopia

79.6080, 61.3253, -69.8162

Deuteranopia

96.7450, 30.1987, -26.0864



Tritanopia

96.9750, -11.8197, 57.9039

Trichromacy



Original Color

83.7930, 41.5141, 78.2345



Protanomaly

81.1140, 54.1738, -15.8860



Deuteranomaly

92.4260, 34.3000, 11.9044



Tritanomaly

92.1820, 7.7983, 65.6154

Monochromacy



Original Color

83.7930, 41.5141, 78.2345



Achromatopsia

84.0000, 0.0000, 0.0000



Achromatomaly

83.6010, 15.4797, 28.4139

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.7930, 41.5141, 78.2345 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(173, 22, 168)` looks like.

```
.text, #text, p{  
    color:rgb(173, 22, 168)  
}
```

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(173, 22, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 22, 168) }
```

Border

The CSS property to change the border of an element to YUV 83.7930, 41.5141, 78.2345 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(173, 22, 168) }
```


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

```
.border{ border-color:rgb(173, 22, 168) }
```

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

Here you see how a box with a 4 pixel rgb(173, 22, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 22, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 22, 168);  
box-shadow:4px 4px 4px 4px rgb(173, 22,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 83.7930, 41.5141, 78.2345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 22, 168) }
```

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

```
.background{ background-color: rgb(173, 22,  
168) }
```

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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