

Converting Colors

YUV(83.9580, 14.3177, 74.5818)

Have a look what the booklet for
YUV(83.9580, 14.3177, 74.5818)
contains.

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Color

**YUV(83.9580, 14.3177,
74.5818)**

Conversions

Conversions Part 1

Format	Color
Hex	A92371
RGB	169, 35, 113
RGB Percent	66%, 14%, 44%
CMY	0.3373, 0.8627, 0.5569
CMYK	0.00, 0.79, 0.33, 0.34
HSL	325°, 66%, 40%
HSV	325°, 79%, 66%
XYZ	19.9439, 10.8293, 16.6619
YIQ	83.9580, 54.8260, 52.6660

Conversions

Conversions Part 2

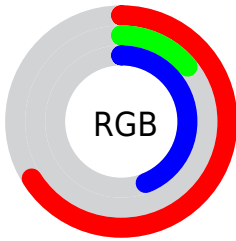
Format	Color
R_{YB}	169, 35, 113
Decimal	11084657
CIE _{Lab}	39.29, 58.79, -11.65
CIE _{LCh}	39, 59.933, 348.796
Yxy	10.8293, 0.4204, 0.2283
Android (android.graphics.Color)	4289274737 (0xFFA92371)
YUV	83.9580, 14.3177, 74.5818
Hunter-Lab	32.9080, 50.5909, -6.9840

Details

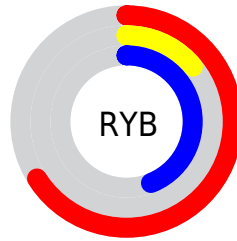
The YUV color **83.9580, 14.3177, 74.5818** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **120.0420, -14.3177, -74.5818**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.7470, 10.9707, 74.7669**, and **40.8980, 11.8823, 62.3565** is the 20% darker color. If you saturate the color by 10%, you get **73.1810, 16.1798, 84.0333**, and if you desaturate by 10%, it is **94.7350, 12.4556, 65.1304**.

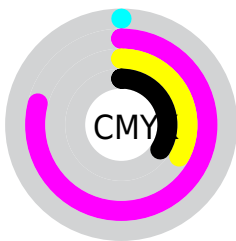
Distribution



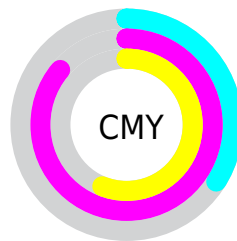
- Red (66%)
- Green (14%)
- Blue (44%)



- Red (66%)
- Yellow (14%)
- Blue (44%)



- Cyan (0%)
- Magenta (79%)
- Yellow (33%)
- Black (34%)



- Cyan (34%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.9580, 14.3177, 74.5818 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 83.9580, 14.3177, 74.5818 by changing the saturation by 10% instead.

83.9580, 14.3177,
74.5818

83.9580, 14.3177,
74.5818

255.0000, 0.0000,
0.0000

52.0060, 18.2380,
77.1707

142.7470, 10.9707,
74.7669

40.8980, 11.8823,
62.3565

170.3340, 10.6813,
74.2521

30.0180, 6.4001,
47.3422

189.9620, 14.8087,
57.0383

20.2630, 1.3493,
33.9723

209.5900, 18.9361,
39.8246

7.5890, -3.2484,
15.2694

227.4110, 13.6014,
24.1956

0.0000, 0.0000,
0.0000

244.4340, 5.2090,

9.2664

■ 83.9580, 14.3177,
74.5818

■ 83.9580, 14.3177,
74.5818

■ 73.1810, 16.1798,
84.0333

■ 94.7350, 12.4556,
65.1304

■ 62.4040, 18.0418,
93.4847

■ 105.5120, 10.5936,
55.6790

■ 61.7030, 17.8944,
94.0995

■ 116.2890, 8.7315,
46.2275

■ 127.0660, 6.8695,
36.7761

■ 137.2560, 5.2968,
27.8395

■ 148.0330, 3.4347,
18.3881

■ 158.8100, 1.5727,
8.9366

■ 169.7010, 0.1474,
-0.6148

■ 180.4780, -1.7147,
-10.0662

Harmonies

Analogous

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



94.1620, 31.4721, 32.3069



83.9580, 14.3177, 74.5818



79.8780, -7.8279, 84.2990

Triad

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



83.9580, 14.3177, 74.5818



83.2290, -41.0319, 0.6762



84.6680, 40.0967, -74.2538

Complementary

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



83.9580, 14.3177, 74.5818



120.0420, -14.3177, -74.5818

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.



80.9400, 20.7356, -70.9844



83.9580, 14.3177, 74.5818



65.4480, -23.3919, -57.3979

Square

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



83.9580, 14.3177, 74.5818



87.5800, -43.1769, 35.4483



74.5390, -1.2517, -65.3707



82.5940, 52.4582, -72.4349

Rectangle

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



83.9580, 14.3177, 74.5818



83.9310, -25.1090, 73.7285



74.5390, -1.2517, -65.3707



83.7730, 34.1289, -73.4689

Sweetspot

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



83.9580, 14.3177, 74.5818



185.9680, 5.4388, 28.9691



67.0200, 50.2761, 21.0305



89.6200, 3.1453, 17.8733



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



83.9580, 14.3177, 74.5818



86.9860, 22.1919, 115.7763



76.3200, -14.9478, 81.2804



78.9620, 1.0047, 4.4183



54.0560, 15.7484, 82.3889



7.3480, 2.2934, 11.0958

Inverse Universe

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



83.9580, 14.3177, 74.5818



86.9860, 22.1919, 115.7763



127.6800, 14.9478, -81.2804



78.9620, 1.0047, 4.4183



54.0560, 15.7484, 82.3889



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 83.9580, 14.3177, 74.5818 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 83.9580, 14.3177, 74.5818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

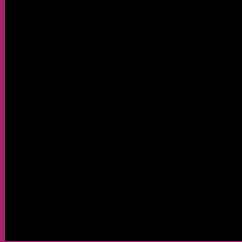
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.9580, 14.3177, 74.5818

Background



This preview shows how black text looks on a background with the YUV color 83.9580, 14.3177, 74.5818.



This preview shows how white text looks on a background with the YUV color 83.9580, 14.3177,

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

83.9580, 14.3177, 74.5818

Protanopia

92.2620, 29.4508, -19.5238

Deuteranopia

94.5040, 5.6675, 2.1890



Tritanopia

87.4170, -15.4886, 68.0403

Trichromacy



Original Color

83.9580, 14.3177, 74.5818

Protanomaly

89.1030, 24.1062, 14.8187

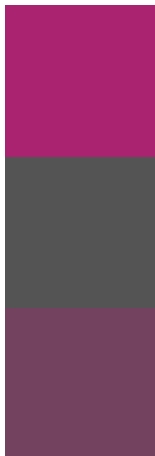
Deuteranomaly

90.8800, 8.9332, 28.1692

Tritanomaly

86.0010, -4.4375, 70.1591

Monochromacy



Original Color

83.9580, 14.3177, 74.5818

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.9570, 5.4442, 27.2247

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.9580, 14.3177, 74.5818 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(169, 35, 113)` looks like.

```
.text, #text, p{  
    color:rgb(169, 35, 113)  
}
```

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(169, 35, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 35, 113) }
```

Border

The CSS property to change the border of an element to YUV 83.9580, 14.3177, 74.5818 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(169, 35, 113) }
```


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

```
.border{ border-color:rgb(169, 35, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 35, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 35, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 35, 113);  
box-shadow:4px 4px 4px 4px rgb(169, 35,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 83.9580, 14.3177, 74.5818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 35, 113) }
```

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

```
.background{ background-color: rgb(169, 35,  
113) }
```

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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