

Converting Colors

YUV(159.4330, 47.1145, 8.3903)

Have a look what the booklet for
YUV(159.4330, 47.1145, 8.3903)
contains.

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Color

**YUV(159.4330, 47.1145,
8.3903)**

Conversions

Conversions Part 1

Format	Color
Hex	A988FF
RGB	169, 136, 255
RGB Percent	66%, 53%, 100%
CMY	0.3373, 0.4667, 0.0000
CMYK	0.34, 0.47, 0.00, 0.00
HSL	257°, 100%, 77%
HSV	257°, 47%, 100%
XYZ	43.2163, 33.2633, 98.7505
YIQ	159.4330, -18.5310, 44.0050

Conversions

Conversions Part 2

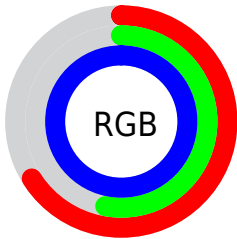
Format	Color
R_{YB}	169, 136, 255
Decimal	11110655
CIE _{Lab}	64.37, 38.04, -55.02
CIE _{LCh}	64, 66.889, 304.662
Yxy	33.2633, 0.2466, 0.1898
Android (android.graphics.Color)	4289300735 (0xFFA988FF)
YUV	159.4330, 47.1145, 8.3903
Hunter-Lab	57.6744, 32.8228, -61.1447

Details

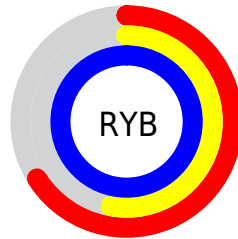
The YUV color **159.4330, 47.1145, 8.3903** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **231.5670, -47.1145, -8.3903**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.4730, 22.9378, 16.2482**, and **106.2540, 45.2308, 5.9162** is the 20% darker color. If you saturate the color by 10%, you get **139.3760, 57.0026, 10.1942**, and if you desaturate by 10%, it is **180.0770, 36.9370, 6.0715**.

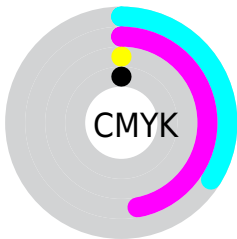
Distribution



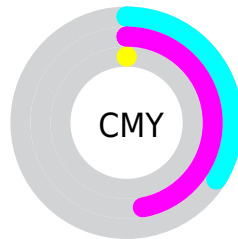
- Red (66%)
- Green (53%)
- Blue (100%)



- Red (66%)
- Yellow (53%)
- Blue (100%)



- Cyan (34%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (34%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.4330, 47.1145, 8.3903 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 159.4330, 47.1145, 8.3903 by changing the saturation by 10% instead.

■ 159.4330, 47.1145,
8.3903

■ 159.4330, 47.1145,
8.3903

255.0000, 0.0000,
0.0000

■ 132.4930, 46.0990,
7.4606

■ 208.4730, 22.9378,
16.2482

■ 106.2540, 45.2308,
5.9162

■ 233.2810, 10.7075,
19.0476

■ 80.3030, 44.2206,
3.2423

■ 250.3040, 2.3151,
4.1184

■ 55.0530, 43.3579,
-0.0465

■ 28.7100, 43.5270,
-7.6387

■ 10.3740, 39.7486,
-9.0980

■ 7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 159.4330, 47.1145,
8.3903

■ 159.4330, 47.1145,
8.3903

■ 139.3760, 57.0026,
10.1942

■ 180.0770, 36.9370,
6.0715

■ 118.4330, 67.3275,
11.8983

■ 200.4330, 26.9015,
4.8823

■ 98.3760, 77.2156,
13.7022

■ 221.0770, 16.7240,
2.5635

■ 77.4330, 87.5405,
15.4063

■ 241.4330, 6.6885,
1.3743

■ 57.3760, 97.4286, 255.0000, 0.0000,
17.2102 0.0000

■ 50.2990, 100.9176,
18.1548

Harmonies

Analogous

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



122.9900, 65.0809, -107.8622



159.4330, 47.1145, 8.3903



157.9600, 24.6697, 67.5641

Triad

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



159.4330, 47.1145, 8.3903



150.7210, -53.5995, 65.1427



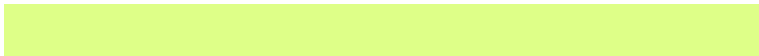
126.7040, 18.3869, -111.1194

Complementary

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



159.4330, 47.1145, 8.3903



231.5670, -47.1145, -8.3903

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.



117.2880, -7.5370, -102.8616



159.4330, 47.1145, 8.3903



145.4070, -67.7417, 27.7071

Square

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



159.4330, 47.1145, 8.3903



150.6020, -29.3838, 91.5570



140.7070, -46.1976, -22.5450



132.8430, 44.4474, -116.5033

Rectangle

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



159.4330, 47.1145, 8.3903



153.0370, 7.8698, 89.4216



140.7070, -46.1976, -22.5450



123.7230, 9.5036, -108.5051

Sweetspot

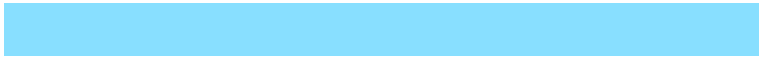
The Sweet Spot groups the original color and five complimentary colors.



159.4330, 47.1145, 8.3903



226.0940, 14.2507, 2.5486



200.6350, 26.8019, -56.6849



110.3020, 8.7251, 1.4891



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



159.4330, 47.1145, 8.3903



140.2620, 56.5658, 10.2942



176.7750, 38.5649, 44.0473



117.3790, 5.2362, 0.5446



37.6210, 75.6158, 13.4874



12.6780, 25.3017, 4.6674

Inverse Universe

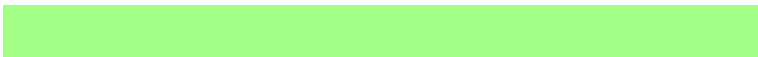
The Inverse Universe completely reimagines the original color for something new.



181.3850, 20.0232, 64.5604



166.4990, 23.9110, 77.6154



214.2250, -38.5649, -44.0473



119.9130, 2.0149, 7.0923



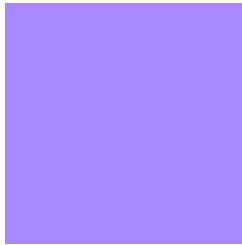
72.8410, 32.1234, 103.6254



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 159.4330, 47.1145, 8.3903 looks on a white background.

Color Contrast Check

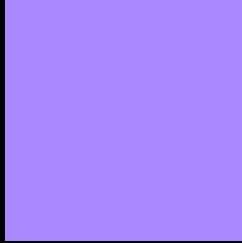
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 159.4330, 47.1145, 8.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

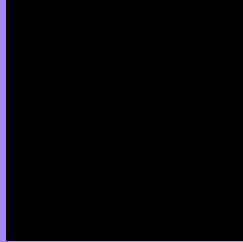
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.4330, 47.1145, 8.3903

Background



This preview shows how black text looks on a background with the YUV color 159.4330, 47.1145, 8.3903.



This preview shows how white text looks on a background with the YUV color 159.4330, 47.1145,

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

159.4330, 47.1145, 8.3903

Protanopia

152.9670, 50.3023, -34.1741

Deuteranopia

150.3850, 49.6032, -43.3106



Tritanopia

155.8730, 5.9786, -4.2736

Trichromacy



Original Color

159.4330, 47.1145, 8.3903

Protanomaly

155.4250, 49.0905, -18.7897

Deuteranomaly

153.8650, 48.3806, -24.4376

Tritanomaly

157.5050, 20.9500, 0.4341

Monochromacy



Original Color

159.4330, 47.1145, 8.3903

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.4900, 17.0134, 3.0783

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.4330, 47.1145, 8.3903 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, 136, 255)` looks like.

```
.text, #text, p{  
    color:rgb(169, 136, 255)  
}
```

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, 136, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 136, 255) }
```

Border

The CSS property to change the border of an element to YUV 159.4330, 47.1145, 8.3903 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, 136, 255) }
```


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

```
.border{ border-color:rgb(169, 136, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 136, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 136, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 136, 255);  
box-shadow:4px 4px 4px 4px rgb(169, 136,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 159.4330, 47.1145, 8.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 136, 255) }
```

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

```
.background{ background-color: rgb(169,  
136, 255) }
```

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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