

Converting Colors

YUV(157.6610, 47.9881, 8.1903)

Have a look what the booklet for
YUV(157.6610, 47.9881, 8.1903)
contains.

YUV(157.6610, 47.9881, 8.1903)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(157.6610, 47.9881,
8.1903)**

Conversions

Conversions Part 1

Format	Color
Hex	A786FF
RGB	167, 134, 255
RGB Percent	65%, 53%, 100%
CMY	0.3451, 0.4745, 0.0000
CMYK	0.35, 0.47, 0.00, 0.00
HSL	256°, 100%, 76%
HSV	256°, 47%, 100%
XYZ	42.5114, 32.4857, 98.6375
YIQ	157.6610, -19.1730, 44.6270

Conversions

Conversions Part 2

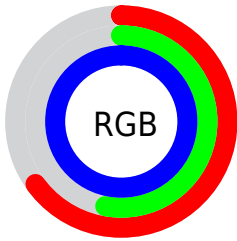
Format	Color
R_{YB}	167, 134, 255
Decimal	10979071
CIE _{Lab}	63.74, 38.66, -56.03
CIE _{LCh}	64, 68.076, 304.605
Yxy	32.4857, 0.2448, 0.1871
Android (android.graphics.Color)	4289169151 (0xFFA786FF)
YUV	157.6610, 47.9881, 8.1903
Hunter-Lab	56.9962, 33.3934, -62.7098

Details

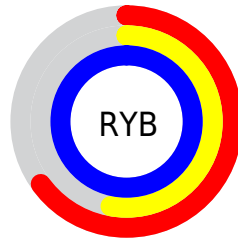
The YUV color **157.6610, 47.9881, 8.1903** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **231.3390, -47.9881, -8.1903**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7010, 23.8114, 16.0482**, and **104.1830, 46.2518, 5.1015** is the 20% darker color. If you saturate the color by 10%, you get **137.3050, 58.0236, 9.3795**, and if you desaturate by 10%, it is **178.6040, 37.6632, 6.4863**.

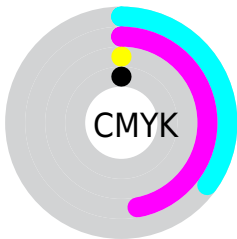
Distribution



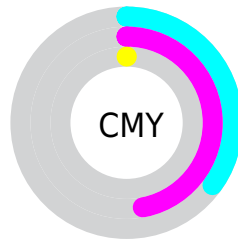
- Red (65%)
- Green (53%)
- Blue (100%)



- Red (65%)
- Yellow (53%)
- Blue (100%)



- Cyan (35%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (47%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.6610, 47.9881, 8.1903 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 157.6610, 47.9881, 8.1903 by changing the saturation by 10% instead.

■ 157.6610, 47.9881,
8.1903

■ 157.6610, 47.9881,
8.1903

255.0000, 0.0000,
0.0000

■ 130.7210, 46.9725,
7.2607

■ 206.7010, 23.8114,
16.0482

■ 104.1830, 46.2518,
5.1015

■ 232.1070, 11.2862,
20.0772

■ 79.1180, 44.8048,
2.5275

■ 248.5430, 3.1833,
5.6628

■ 53.8680, 43.9421,
-0.7612

■ 26.0410, 44.8428,
-9.6830

■ 10.3740, 39.7486,
-9.0980

■ 7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 157.6610, 47.9881,
8.1903

■ 157.6610, 47.9881,
8.1903

■ 137.3050, 58.0236,
9.3795

■ 178.6040, 37.6632,
6.4863

■ 116.6610, 68.2011,
11.6983

■ 198.6610, 27.7751,
4.6823

■ 96.3050, 78.2366,
12.8875

■ 219.6040, 17.4502,
2.9783

■ 75.6610, 88.4141,
15.2063

■ 239.6610, 7.5621,
1.1743

■ 55.3050, 98.4496, 255.0000, 0.0000,
16.3955 0.0000

■ 50.0000, 101.0650,
17.5400

Harmonies

Analogous

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



122.4030, 65.3703, -107.3474



157.6610, 47.9881, 8.1903



155.9000, 25.6853, 68.4937

Triad

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



157.6610, 47.9881, 8.1903



148.6780, -55.0573, 66.0574



125.8890, 17.8027, -110.4047

Complementary

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



157.6610, 47.9881, 8.1903



231.3390, -47.9881, -8.1903

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.



116.3590, -8.5580, -102.0468



157.6610, 47.9881, 8.1903



143.3100, -70.6518, 27.7921

Square

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



157.6610, 47.9881, 8.1903



148.6130, -29.3892, 93.3014



138.0660, -47.3605, -22.8599



131.5550, 44.5894, -115.3737

Rectangle

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



157.6610, 47.9881, 8.1903



150.5750, 8.5905, 91.5807



138.0660, -47.3605, -22.8599



122.9080, 8.9194, -107.7903

Sweetspot

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



157.6610, 47.9881, 8.1903



226.0940, 14.2507, 2.5486



200.0370, 27.0968, -57.9144



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.



157.6610, 47.9881, 8.1903



138.1910, 57.5868, 9.4795



175.6010, 39.1437, 45.0769



117.3790, 5.2362, 0.5446



37.3220, 75.7633, 12.8726



12.3790, 25.4492, 4.0526

Inverse Universe

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



180.2110, 20.6020, 65.5900



165.3250, 24.4898, 78.6450



213.3990, -39.1437, -45.0769



119.9130, 2.0149, 7.0923



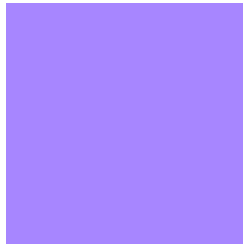
72.9550, 32.5602, 103.5255



24.3800, 10.6587, 34.7467

Previews

White Background



This preview shows how the YUV color 157.6610, 47.9881, 8.1903 looks on a white background.

Color Contrast Check

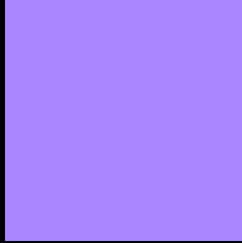
Large Text (above 18pt) WCAG AA × Fail

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 157.6610, 47.9881, 8.1903 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 157.6610, 47.9881, 8.1903

Background



This preview shows how black text looks on a background with the YUV color 157.6610, 47.9881, 8.1903.



This preview shows how white text looks on a background with the YUV color 157.6610, 47.9881, 8.1903.

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

157.6610, 47.9881, 8.1903

Protanopia

150.8960, 51.3233, -34.9888

Deuteranopia

148.1890, 50.1928, -45.7698



Tritanopia

154.2750, 6.2734, -5.5032

Trichromacy



Original Color

157.6610, 47.9881, 8.1903

Protanomaly

153.3540, 50.1115, -19.6045

Deuteranomaly

151.4950, 49.5490, -25.8671

Tritanomaly

155.3200, 21.5342, -0.2806

Monochromacy



Original Color

157.6610, 47.9881, 8.1903

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.6040, 17.4502, 2.9783

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.6610, 47.9881, 8.1903 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(167, 134, 255)` looks like.

```
.text, #text, p{  
    color:rgb(167, 134, 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(167, 134, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 134, 255) }
```

Border

The CSS property to change the border of an element to YUV 157.6610, 47.9881, 8.1903 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(167, 134, 255) }
```


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

```
.border{ border-color:rgb(167, 134, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 134, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 134, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 134, 255);  
box-shadow:4px 4px 4px 4px rgb(167, 134,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 157.6610, 47.9881, 8.1903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 134, 255) }
```

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

```
.background{ background-color: rgb(167,  
134, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor