

Converting Colors

YUV(113.8530, 6.4815, 21.1769)

Have a look what the booklet for
YUV(113.8530, 6.4815, 21.1769)
contains.

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Color

**YUV(113.8530, 6.4815,
21.1769)**

Conversions

Conversions Part 1

Format	Color
Hex	8A637F
RGB	138, 99, 127
RGB Percent	54%, 39%, 50%
CMY	0.4588, 0.6118, 0.5020
CMYK	0.00, 0.28, 0.08, 0.46
HSL	317°, 16%, 46%
HSV	317°, 28%, 54%
XYZ	18.7738, 15.8593, 22.1503
YIQ	113.8530, 14.2560, 16.9760

Conversions

Conversions Part 2

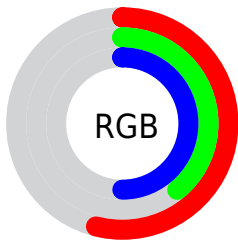
Format	Color
R_{YB}	138, 99, 127
Decimal	9069439
CIE _{Lab}	46.79, 20.55, -9.37
CIE _{LCh}	47, 22.581, 335.487
Yxy	15.8593, 0.3306, 0.2793
Android (android.graphics.Color)	4287259519 (0xFF8A637F)
YUV	113.8530, 6.4815, 21.1769
Hunter-Lab	39.8237, 14.4577, -5.1011

Details

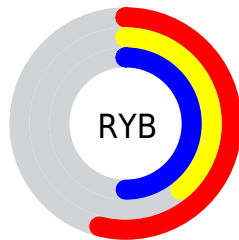
The YUV color **113.8530, 6.4815, 21.1769** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.1470, -6.4815, -21.1769**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9780, 6.9128, 22.8213**, and **65.4290, 6.1975, 18.9178** is the 20% darker color. If you saturate the color by 10%, you get **105.1790, 8.7858, 28.7840**, and if you desaturate by 10%, it is **122.5270, 4.1772, 13.5698**.

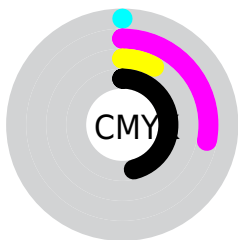
Distribution



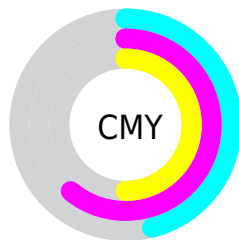
- Red (54%)
- Green (39%)
- Blue (50%)



- Red (54%)
- Yellow (39%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (8%)
- Black (46%)



- Cyan (46%)
- Magenta (61%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.8530, 6.4815, 21.1769 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 113.8530, 6.4815, 21.1769 by changing the saturation by 10% instead.

 113.8530, 6.4815,
21.1769

 113.8530, 6.4815,
21.1769


255.0000, 0.0000,
0.0000

 89.1410, 6.3395,
20.0473


 165.9780, 6.9128,
22.8213


 65.4290, 6.1975,
18.9178


 193.2770, 6.7654,
23.4361


 42.7170, 6.0555,
17.7882

 221.6900, 7.0548,
23.9509

 20.8310, 6.4923,
17.6882

 242.0860, 6.3666,
11.3256

 5.0270, 2.4517,
6.9923

 0.0000, 0.0000,
0.0000

■ 113.8530, 6.4815,
21.1769

■ 113.8530, 6.4815,
21.1769

■ 105.1790, 8.7858,
28.7840

■ 122.5270, 4.1772,
13.5698

■ 96.5050, 11.0900,
36.3911

■ 131.2010, 1.8729,
5.9627

■ 88.4180, 13.1049,
43.4834

■ 139.2880, -0.1420,
-1.1296

■ 79.7440, 15.4092,
51.0905

■ 147.9620, -2.4463,
-8.7367

■ 71.1840, 18.1503,
58.5976

■ 156.5220, -5.1873,
-16.2438

■ 62.5100, 20.4546,
66.2047

■ 165.1960, -7.4916,
-23.8509

■ 53.8360, 22.7589,
73.8118


■ 173.8700, -9.7959,
-31.4580

■ 52.5480, 22.9008,

■ 181.9570,

74.9414

-11.8108, -38.5503

 190.6310,
-14.1151, -46.1574

Harmonies

Analogous

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



113.1050, 14.2452, 4.2929



113.8530, 6.4815, 21.1769



113.5030, -2.7130, 30.2539

Triad

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



113.8530, 6.4815, 21.1769



109.6580, -18.0724, 9.9469



100.1390, 15.7075, -44.8489

Complementary

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



113.8530, 6.4815, 21.1769



123.1470, -6.4815, -21.1769

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.



101.0660, 6.3765, -38.6459



113.8530, 6.4815, 21.1769



107.1120, -13.3662, -6.2372

Square

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



113.8530, 6.4815, 21.1769



110.7890, -16.6580, 22.9870



104.5920, -4.7289, -23.3212



104.3450, 20.0429, -35.3826

Rectangle

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



113.8530, 6.4815, 21.1769



113.0210, -8.3914, 31.5536



104.5920, -4.7289, -23.3212



100.1560, 13.2341, -44.8638

Sweetspot

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



113.8530, 6.4815, 21.1769



169.6250, 2.1569, 8.2219



106.4360, 15.5611, 2.2486



83.4890, 1.7309, 4.8331



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



113.8530, 6.4815, 21.1769



141.1410, 9.7905, 33.2023



111.6870, -1.8177, 23.0765



64.6630, 1.1521, 3.8035



50.5970, 21.8907, 72.2674



1.9510, 1.0102, 2.6740

Inverse Universe

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



113.8530, 6.4815, 21.1769



141.1410, 9.7905, 33.2023



125.3130, 1.8177, -23.0765



64.6630, 1.1521, 3.8035



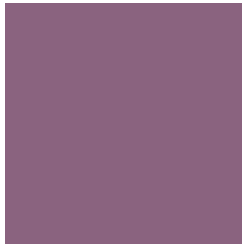
50.5970, 21.8907, 72.2674



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 113.8530, 6.4815, 21.1769 looks on a white background.

Color Contrast Check

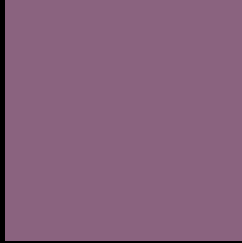
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.8530, 6.4815, 21.1769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

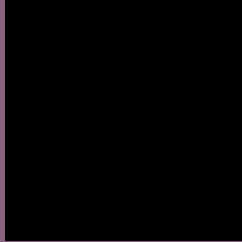
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 113.8530, 6.4815, 21.1769

Background



This preview shows how black text looks on a background with the YUV color 113.8530, 6.4815, 21.1769.



This preview shows how white text looks on a background with the YUV color 113.8530, 6.4815,

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

113.8530, 6.4815, 21.1769

Protanopia

111.5400, 11.0728, -4.8586

Deuteranopia

112.0310, 6.3937, 2.6038



Tritanopia

113.0780, -1.5175, 20.1026

Trichromacy



Original Color

113.8530, 6.4815, 21.1769

Protanomaly

112.4380, 9.1511, 4.8779

Deuteranomaly

112.7760, 6.5194, 8.9664

Tritanomaly

113.4740, 1.2453, 20.6323

Monochromacy



Original Color

113.8530, 6.4815, 21.1769

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.3260, 2.3043, 7.6071

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.8530, 6.4815, 21.1769 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(138, 99, 127)` looks like.

```
.text, #text, p{  
    color:rgb(138, 99, 127)  
}
```

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(138, 99, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 99, 127) }
```

Border

The CSS property to change the border of an element to YUV 113.8530, 6.4815, 21.1769 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(138, 99, 127) }
```


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

```
.border{ border-color:rgb(138, 99, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 99, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 99, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 99, 127);  
box-shadow:4px 4px 4px 4px rgb(138, 99,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 113.8530, 6.4815, 21.1769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 99, 127) }
```

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

```
.background{ background-color: rgb(138, 99,  
127) }
```

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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