

Converting Colors

YUV(119.9000, 1.5283,
-23.5913)

Have a look what the booklet for
YUV(119.9000, 1.5283, -23.5913)
contains.

YUV(119.9000, 1.5283, -23.5913)	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(119.9000, 1.5283,
-23.5913)**

Conversions

Conversions Part 1

Format	Color
Hex	5D857B
RGB	93, 133, 123
RGB Percent	36%, 52%, 48%
CMY	0.6353, 0.4784, 0.5176
CMYK	0.30, 0.00, 0.08, 0.48
HSL	165°, 18%, 44%
HSV	165°, 30%, 52%
XYZ	16.4769, 20.5323, 21.8336
YIQ	119.9000, -20.6300, -11.5900

Conversions

Conversions Part 2

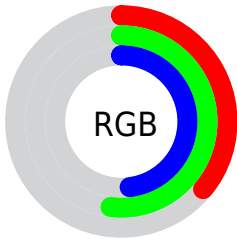
Format	Color
R_{YB}	93, 116, 133
Decimal	6129019
CIE _{Lab}	52.43, -16.18, 0.93
CIE _{LCh}	52, 16.206, 176.722
Yxy	20.5323, 0.2800, 0.3489
Android (android.graphics.Color)	4284319099 (0xFF5D857B)
YUV	119.9000, 1.5283, -23.5913
Hunter-Lab	45.3126, -14.3895, 3.1502

Details

The YUV color **119.9000, 1.5283, -23.5913** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **106.1000, -1.5283, 23.5913**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1880, 1.3863, -24.7209**, and **70.6120, 1.6703, -22.4617** is the 20% darker color. If you saturate the color by 10%, you get **115.6710, 2.1342, -31.2835**, and if you desaturate by 10%, it is **124.1290, 0.9224, -15.8991**.

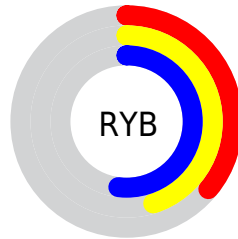
Distribution



Red (36%)

Green (52%)

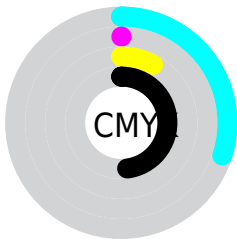
Blue (48%)



Red (36%)

Yellow (45%)

Blue (52%)

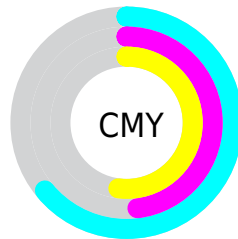


Cyan (30%)

Magenta (0%)

Yellow (8%)

Black (48%)



Cyan (64%)

Magenta (48%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9000, 1.5283, -23.5913 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 119.9000, 1.5283, -23.5913 by changing the saturation by 10% instead.

■ 119.9000, 1.5283,
-23.5913

■ 119.9000, 1.5283,
-23.5913

■ 255.0000, 0.0000,
0.0000

■ 94.9000, 1.5283,
-23.5913

■ 172.1880, 1.3863,
-24.7209

■ 70.6120, 1.6703,
-22.4617

■ 199.8890, 1.5337,
-25.3357

■ 47.4270, 2.2545,
-23.1765

■ 227.8890, 1.5337,
-25.3357

■ 25.8400, 2.5439,
-22.6617

■ 246.6280, 4.1274,
-17.2138

■ 10.0760, -2.0095,
-8.8367

■ 0.0000, 0.0000,
0.0000

■ 119.9000, 1.5283,
-23.5913

■ 119.9000, 1.5283,
-23.5913

■ 115.6710, 2.1342,
-31.2835

■ 124.1290, 0.9224,
-15.8991

■ 111.0290, 2.4507,
-39.4904

■ 128.7710, 0.6059,
-7.6922

■ 106.8000, 3.0566,
-47.1826

■ 133.0000, 0.0000,
0.0000

■ 102.5710, 3.6625,
-54.8748

■ 137.2290, -0.6059,
7.6922

■ 97.9290, 3.9790,
-63.0817

■ 141.8710, -0.9224,
15.8991

■ 93.7000, 4.5849,
-70.7739

■ 146.1000, -1.5283,
23.5913

■ 89.4710, 5.1908,
-78.4661

■ 150.3290, -2.1342,
31.2835

■ 154.6720, -2.3033,

38.8757

■ 159.2000, -3.0566,
47.1826

Harmonies

Analogous

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



121.0170, -5.9244, -13.1699



119.9000, 1.5283, -23.5913



119.7020, 8.5279, -28.6797

Triad

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



119.9000, 1.5283, -23.5913



126.3880, 11.6407, -0.3403



126.0320, -11.8478, 20.1429

Complementary

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



119.9000, 1.5283, -23.5913



106.1000, -1.5283, 23.5913

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.



127.0200, -6.9119, 23.6615



119.9000, 1.5283, -23.5913



127.7980, 6.5086, 12.4552

Square

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



119.9000, 1.5283, -23.5913



123.9840, 14.3049, -14.8950



127.4310, -0.2125, 21.5470



124.9230, -13.2730, 10.5915

Rectangle

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



119.9000, 1.5283, -23.5913



120.6250, 12.0169, -27.7351



127.4310, -0.2125, 21.5470



126.3850, -10.5428, 21.5874

Sweetspot

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



119.9000, 1.5283, -23.5913



168.0590, 0.4639, -8.8217



119.4700, -13.0497, -14.4442



83.6680, 0.1637, -5.8478



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



119.9000, 1.5283, -23.5913



152.7520, 2.5873, -36.6165



115.1700, 8.7902, -19.4431



64.0920, 0.4476, -3.5887



87.4820, 5.1854, -76.7217



1.9890, 0.0054, -1.7444

Inverse Universe

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



106.1000, -1.5283, 23.5913



131.3620, -2.1505, 36.5165



110.8300, -8.7902, 19.4431



61.9080, -0.4476, 3.5887



42.6320, -4.7486, 76.6217



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 119.9000, 1.5283, -23.5913 looks on a white 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

Black Background



This preview shows how the YUV color 119.9000, 1.5283, -23.5913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

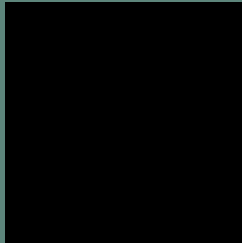
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.9000, 1.5283, -23.5913

Background



This preview shows how black text looks on a background with the YUV color 119.9000, 1.5283, -23.5913.

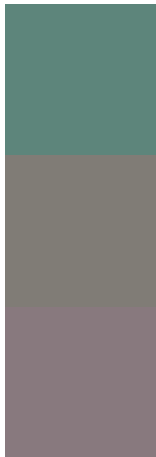


This preview shows how white text looks on a background with the YUV color 119.9000, 1.5283, -23.5913.

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

119.9000, 1.5283, -23.5913

Protanopia

124.5120, -3.2104, 3.0590

Deuteranopia

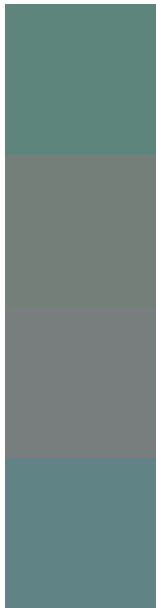
126.0550, -0.0271, 8.7218



Tritanopia

121.3870, 9.6692, -21.3874

Trichromacy



Original Color

119.9000, 1.5283, -23.5913

Protanomaly

122.6140, -1.2887, -6.6775

Deuteranomaly

123.5050, 0.7370, -3.0739

Tritanomaly

120.8770, 6.4696, -21.8171

Monochromacy



Original Color

119.9000, 1.5283, -23.5913

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0590, 0.4639, -8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9000, 1.5283, -23.5913 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(93, 133, 123)` looks like.

```
.text, #text, p{  
    color:rgb(93, 133, 123)  
}
```

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(93, 133, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 133, 123) }
```

Border

The CSS property to change the border of an element to YUV 119.9000, 1.5283, -23.5913 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(93, 133, 123) }
```


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

```
.border{ border-color:rgb(93, 133, 123) }
```

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

Here you see how a box with a 4 pixel rgb(93, 133, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 133, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 133, 123);  
box-shadow:4px 4px 4px 4px rgb(93, 133,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 119.9000, 1.5283, -23.5913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 133, 123) }
```

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

```
.background{ background-color: rgb(93, 133,  
123) }
```

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