

Converting Colors

YUV(127.4630, -18.9623,
15.3799)

Have a look what the booklet for
YUV(127.4630, -18.9623, 15.3799)
contains.

YUV(127.4630, -18.9623, 15.3799)	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(127.4630, -18.9623,
15.3799)**

Conversions

Conversions Part 1

Format	Color
Hex	917E59
RGB	145, 126, 89
RGB Percent	57%, 49%, 35%
CMY	0.4314, 0.5059, 0.6510
CMYK	0.00, 0.13, 0.39, 0.43
HSL	40°, 24%, 46%
HSV	40°, 39%, 57%
XYZ	20.9411, 21.6627, 12.5288
YIQ	127.4630, 23.2010, -7.4790

Conversions

Conversions Part 2

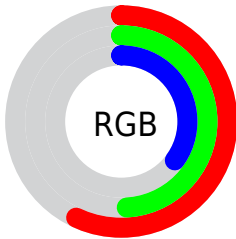
Format	Color
R_{YB}	118, 145, 89
Decimal	9535065
CIE _{Lab}	53.67, 1.70, 22.84
CIE _{LCh}	54, 22.901, 85.747
Yxy	21.6627, 0.3798, 0.3929
Android (android.graphics.Color)	4287725145 (0xFF917E59)
YUV	127.4630, -18.9623, 15.3799
Hunter-Lab	46.5432, -1.1386, 16.6202

Details

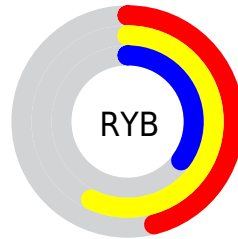
The YUV color **127.4630, -18.9623, 15.3799** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **106.5370, 18.9623, -15.3799**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.7190, -20.5675, 16.9094**, and **77.9080, -17.2096, 13.2357** is the 20% darker color. If you saturate the color by 10%, you get **122.9320, -23.6305, 19.3536**, and if you desaturate by 10%, it is **132.1080, -13.8572, 11.3063**.

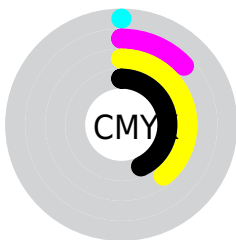
Distribution



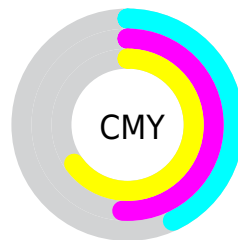
- Red (57%)
- Green (49%)
- Blue (35%)



- Red (46%)
- Yellow (57%)
- Blue (35%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (43%)



- Cyan (43%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.4630, -18.9623, 15.3799 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 127.4630, -18.9623, 15.3799 by changing the saturation by 10% instead.

■ 127.4630,
-18.9623, 15.3799

■ 127.4630,
-18.9623, 15.3799

■ 255.0000, 0.0000,
0.0000

■ 102.2780,
-18.3781, 14.6652

■ 180.7190,
-20.5675, 16.9094

■ 77.9080, -17.2096,
13.2357

■ 208.0180,
-20.7149, 17.5242

■ 55.3100, -16.9148,
12.0061

■ 235.6050,
-21.0043, 17.0094

■ 33.1250, -16.3306,
11.2914

■ 251.1240,
-14.8511, 3.3993

■ 12.7360, -6.2788,
7.2475

■ 254.4300, -2.1840,
0.4999

■ 0.0000, 0.0000,
0.0000

■ 127.4630,
-18.9623, 15.3799

■ 127.4630,
-18.9623, 15.3799

■ 122.9320,
-23.6305, 19.3536

■ 132.1080,
-13.8572, 11.3063

■ 118.2870,
-28.7355, 23.4273

■ 136.6390, -9.1890,
7.3326

■ 113.6420,
-33.8405, 27.5010

■ 141.2840, -4.0840,
3.2589

■ 109.1110,
-38.5087, 31.4747

■ 145.8150, 0.5842,
-0.7148

■ 104.5800,
-43.1769, 35.4483

■ 150.4600, 5.6892,
-4.7884

■ 99.9350, -48.2820,
39.5220

■ 154.9910, 10.3574,
-8.7621

■ 99.7070, -49.1556,
39.7220

■ 159.0490, 15.7518,
-12.3210

■ 163.5800, 20.4201,

-16.2947

■ 168.1110, 25.0883,
-20.2683

Harmonies

Analogous

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



128.6370, -16.0900, 27.5054



127.4630, -18.9623, 15.3799



125.0480, -16.2927, -0.9191

Triad

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



127.4630, -18.9623, 15.3799



118.1560, 13.2341, -44.8638



131.6290, 9.5499, 16.9884

Complementary

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



127.4630, -18.9623, 15.3799



106.5370, 18.9623, -15.3799

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.



129.4570, 17.0297, -2.1548



127.4630, -18.9623, 15.3799



120.4970, 19.4750, -39.9009

Square

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



127.4630, -18.9623, 15.3799



119.7630, 2.5818, -34.8722



125.5360, 20.4418, -23.2721



131.3010, 0.3446, 29.5540

Rectangle

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



127.4630, -18.9623, 15.3799



123.2360, -11.4553, -12.4850



125.5360, 20.4418, -23.2721



131.2800, 12.1870, 11.1554

Sweetspot

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



127.4630, -18.9623, 15.3799



181.6820, -7.7312, 6.4179



108.0240, 0.4812, 32.4280



90.1700, -4.5208, 3.3589



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



127.4630, -18.9623, 15.3799



161.4720, -29.3197, 24.1421



136.2240, -23.2814, 0.6806



69.0280, -2.4788, 1.7294



92.6080, -45.6557, 37.1778



5.3270, -2.6262, 2.3442

Inverse Universe

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



106.5370, 18.9623, -15.3799



128.9410, 29.6091, -23.6273



97.7760, 23.2814, -0.6806



66.5590, 2.1894, -2.2442



42.3920, 45.6557, -37.1778



2.6730, 2.6262, -2.3442

Previews

White Background



This preview shows how the YUV color 127.4630, -18.9623, 15.3799 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 127.4630, -18.9623, 15.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

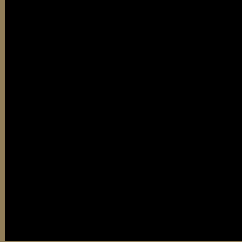
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.4630, -18.9623, 15.3799

Background



This preview shows how black text looks on a background with the YUV color 127.4630, -18.9623, 15.3799.



This preview shows how white text looks on a background with the YUV color 127.4630, -18.9623, 15.3799.

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

127.4630, -18.9623, 15.3799

Protanopia

126.9570, -18.2198, 10.5617

Deuteranopia

128.2080, -18.8365, 21.7426



Tritanopia

130.3980, -0.1962, 16.3140

Trichromacy



Original Color

127.4630, -18.9623, 15.3799

Protanomaly

126.9680, -18.2252, 12.3061

Deuteranomaly

127.8980, -18.6837, 19.3835

Tritanomaly

129.5630, -7.1796, 16.1692

Monochromacy



Original Color

127.4630, -18.9623, 15.3799

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.4970, -7.1470, 5.7031

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.4630, -18.9623, 15.3799 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(145, 126, 89)` looks like.

```
.text, #text, p{  
    color:rgb(145, 126, 89)  
}
```

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(145, 126, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 126, 89) }
```

Border

The CSS property to change the border of an element to YUV 127.4630, -18.9623, 15.3799 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(145, 126, 89) }
```


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

```
.border{ border-color:rgb(145, 126, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 126, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 126, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 126, 89);  
box-shadow:4px 4px 4px 4px rgb(145, 126,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 127.4630, -18.9623, 15.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 126, 89) }
```

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

```
.background{ background-color: rgb(145,  
126, 89) }
```

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