

Converting Colors

YUV(122.6530, -27.4369,
-19.8667)

Have a look what the booklet for
YUV(122.6530, -27.4369, -19.8667)
contains.

YUV(122.6530, -27.4369, -19.8667)	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(122.6530, -27.4369,
-19.8667)**

Conversions

Conversions Part 1

Format	Color
Hex	649143
RGB	100, 145, 67
RGB Percent	39%, 57%, 26%
CMY	0.6078, 0.4314, 0.7373
CMYK	0.31, 0.00, 0.54, 0.43
HSL	95°, 37%, 42%
HSV	95°, 54%, 57%
XYZ	16.3940, 23.3654, 8.9561
YIQ	122.6530, -1.7820, -33.7980

Conversions

Conversions Part 2

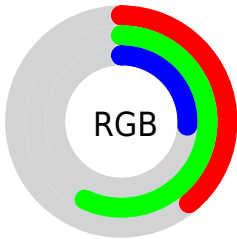
Format	Color
RYB	67, 145, 112
Decimal	6590787
CIELab	55.45, -29.63, 36.20
CIELCh	55, 46.787, 129.301
Yxy	23.3654, 0.3365, 0.4796
Android (android.graphics.Color)	4284780867 (0xFF649143)
YUV	122.6530, -27.4369, -19.8667
Hunter-Lab	48.3377, -24.0516, 22.8511

Details

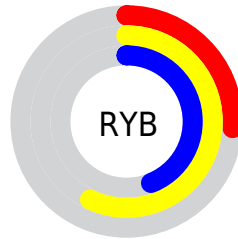
The YUV color **122.6530, -27.4369, -19.8667** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **89.3470, 27.4369, 19.8667**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.8980, -29.0367, -20.0815**, and **71.8810, -26.5633, -20.0666** is the 20% darker color. If you saturate the color by 10%, you get **118.6650, -32.3728, -23.3852**, and if you desaturate by 10%, it is **126.7550, -22.0642, -16.4481**.

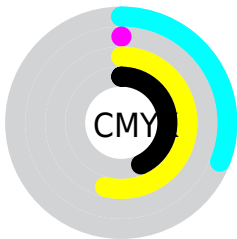
Distribution



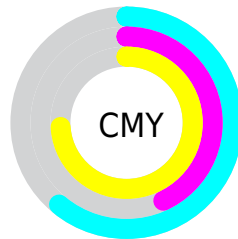
- Red (39%)
- Green (57%)
- Blue (26%)



- Red (26%)
- Yellow (57%)
- Blue (44%)



- Cyan (31%)
- Magenta (0%)
- Yellow (54%)
- Black (43%)



- Cyan (61%)
- Magenta (43%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.6530, -27.4369, -19.8667 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 122.6530, -27.4369, -19.8667 by changing the saturation by 10% instead.

■ 122.6530,
-27.4369, -19.8667

■ 122.6530,
-27.4369, -19.8667

■ 255.0000, 0.0000,
0.0000

■ 96.8810, -26.5633,
-20.0666

■ 175.8980,
-29.0367, -20.0815

■ 71.8810, -26.5633,
-20.0666

■ 203.6700,
-29.9103, -19.8816

■ 47.9670, -23.6477,
-21.8961

■ 231.5560,
-30.3471, -19.7816

■ 27.5890, -13.6014,
-24.1956

■ 243.4190,
-22.3916, -4.7525

■ 16.4360, -8.1029,
-14.4144

■ 251.6940,
-12.6671, 2.8994

■ 0.0000, 0.0000,
0.0000

■ 122.6530,
-27.4369, -19.8667

■ 122.6530,
-27.4369, -19.8667

■ 118.6650,
-32.3728, -23.3852

■ 126.7550,
-22.0642, -16.4481

■ 114.2640,
-37.5982, -27.4185

■ 131.0420,
-17.2757, -12.3148

■ 110.1620,
-42.9709, -30.8371

■ 135.1440,
-11.9030, -8.8963

■ 106.1740,
-47.9068, -34.3556

■ 139.1320, -6.9671,
-5.3778

■ 103.3540,
-50.9535, -37.1445

■ 143.4190, -2.1786,
-1.2445

■ 147.5210, 3.1941,
2.1741

■ 151.9220, 8.4195,
6.2074

■ 155.9100, 13.3554,

9.7259

■ 160.0120, 18.7281,
13.1445

Harmonies

Analogous

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



127.7730, -39.3281, 14.2311



122.6530, -27.4369, -19.8667



109.3490, -3.1301, -69.5891

Triad

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



122.6530, -27.4369, -19.8667



108.8270, 48.8923, -95.4413



133.0390, -5.4422, 65.7408

Complementary

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



122.6530, -27.4369, -19.8667



89.3470, 27.4369, 19.8667

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.



135.7500, 12.9413, 49.3312



122.6530, -27.4369, -19.8667



126.8710, 42.4616, -39.3519

Square

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



122.6530, -27.4369, -19.8667



109.4990, 36.2360, -96.0306



136.4710, 29.3478, 13.6189



131.4950, -23.9080, 61.8329

Rectangle

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



122.6530, -27.4369, -19.8667



104.6310, 12.5069, -91.7614



136.4710, 29.3478, 13.6189



133.6240, 0.6784, 62.5968

Sweetspot

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



122.6530, -27.4369, -19.8667



180.1980, -10.4506, -8.0666



116.1500, -24.2310, 25.3014



88.9580, -6.3883, -4.3482



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.



122.6530, -27.4369, -19.8667



153.7490, -43.2603, -31.3519



113.3560, -20.3885, -40.6542



69.0060, -2.4680, -1.7593



96.2880, -47.4700, -34.4556



5.5930, -2.7573, -2.2741

Inverse Universe

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



89.3470, 27.4369, 19.8667



101.2510, 43.2603, 31.3519



98.6440, 20.3885, 40.6542



65.9940, 2.4680, 1.7593



38.7120, 47.4700, 34.4556



2.1080, 2.9048, 1.6593

Previews

White Background



This preview shows how the YUV color 122.6530, -27.4369, -19.8667 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 122.6530, -27.4369, -19.8667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

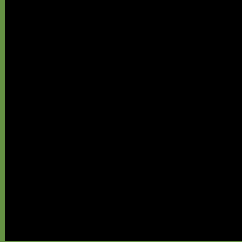
Any Text WCAG AA ✓ Pass

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 122.6530, -27.4369, -19.8667 Background



This preview shows how black text looks on a background with the YUV color 122.6530, -27.4369, -19.8667.



This preview shows how white text looks on a background with the YUV color 122.6530, -27.4369, -19.8667.

-19.8667.

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

122.6530, -27.4369, -19.8667

Protanopia

128.6190, -32.3502, 16.1201

Deuteranopia

130.6080, -28.8937, 27.5308



Tritanopia

130.0780, 8.3425, -15.8544

Trichromacy



Original Color

122.6530, -27.4369, -19.8667

Protanomaly

126.5850, -30.8544, 2.9950

Deuteranomaly

127.6120, -28.4027, 9.9873

Tritanomaly

127.3370, -4.6031, -16.9585

Monochromacy



Original Color

122.6530, -27.4369, -19.8667

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.0240, -9.8718, -7.0370

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.6530, -27.4369, -19.8667 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(100, 145, 67)` looks like.

```
.text, #text, p{  
    color:rgb(100, 145, 67)  
}
```

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(100, 145, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 145, 67) }
```

Border

The CSS property to change the border of an element to YUV 122.6530, -27.4369, -19.8667 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(100, 145, 67) }
```


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

```
.border{ border-color:rgb(100, 145, 67) }
```

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

Here you see how a box with a 4 pixel rgb(100, 145, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 145, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 145, 67);  
box-shadow:4px 4px 4px 4px rgb(100, 145,  
67) }
```

Background

The CSS property to change the background color of an element to YUV 122.6530, -27.4369, -19.8667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 145, 67) }
```

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

```
.background{ background-color: rgb(100,  
145, 67) }
```

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