

Converting Colors

YUV(122.8430, -1.8946, 1.0147)

Have a look what the booklet for
YUV(122.8430, -1.8946, 1.0147)
contains.

YUV(122.8430, -1.8946, 1.0147)	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(122.8430, -1.8946,
1.0147)**

Conversions

Conversions Part 1

Format	Color
Hex	7C7B77
RGB	124, 123, 119
RGB Percent	49%, 48%, 47%
CMY	0.5137, 0.5176, 0.5333
CMYK	0.00, 0.01, 0.04, 0.51
HSL	48°, 2%, 48%
HSV	48°, 4%, 49%
XYZ	18.7249, 19.7829, 20.2843
YIQ	122.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

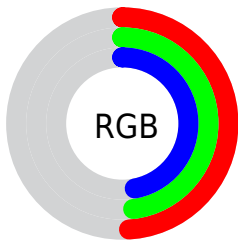
Format	Color
R_{YB}	120, 124, 119
Decimal	8158071
CIE Lab	51.59, -0.40, 2.31
CIE LCh	52, 2.345, 99.924
Yxy	19.7829, 0.3185, 0.3365
Android (android.graphics.Color)	4286348151 (0xFF7C7B77)
YUV	122.8430, -1.8946, 1.0147
Hunter-Lab	44.4780, -2.6893, 4.0952

Details

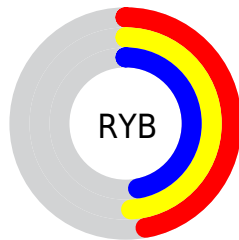
The YUV color $122.8430, -1.8946, 1.0147$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $120.1570, 1.8946, -1.0147$, and the grayscale version is $123.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $174.8430, -1.8946, 1.0147$, and $73.9570, -1.4578, 0.9147$ is the 20% darker color. If you saturate the color by 10%, you get $120.3010, -6.5574, 3.2440$, and if you desaturate by 10%, it is $125.3850, 2.7682, -1.2146$.

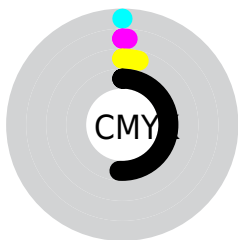
Distribution



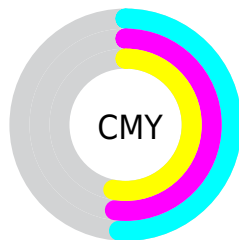
- Red (49%)
- Green (48%)
- Blue (47%)



- Red (47%)
- Yellow (49%)
- Blue (47%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (51%)



- Cyan (51%)
- Magenta (52%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.8430, -1.8946, 1.0147 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 122.8430, -1.8946, 1.0147 by changing the saturation by 10% instead.

■ 122.8430, -1.8946,
1.0147

■ 122.8430, -1.8946,
1.0147

■ 255.0000, 0.0000,
0.0000

■ 97.8430, -1.8946,
1.0147

■ 174.8430, -1.8946,
1.0147

■ 73.9570, -1.4578,
0.9147

■ 202.7290, -2.3314,
1.1147

■ 51.8430, -1.8946,
1.0147

■ 230.7290, -2.3314,
1.1147

■ 30.6580, -1.3104,
0.2999

■ 5.6150, -2.7682,
1.2146

■ 0.0000, 0.0000,
0.0000

■ 122.8430, -1.8946,
1.0147

■ 122.8430, -1.8946,
1.0147

■ 120.3010, -6.5574,
3.2440

■ 125.3850, 2.7682,
-1.2146

■ 117.0580,
-11.3676, 6.0881

■ 128.6280, 7.5784,
-4.0588

■ 114.5160,
-16.0304, 8.3175

■ 131.1700, 12.2412,
-6.2881

■ 111.2730,
-20.8406, 11.1616

■ 134.4130, 17.0514,
-9.1322

■ 108.7310,
-25.5034, 13.3909

■ 136.9550, 21.7142,
-11.3615

■ 105.6020,
-29.8768, 16.1350

■ 140.0840, 26.0876,
-14.1057

■ 102.9460,
-34.9764, 18.4644

■ 142.7400, 31.1872,
-16.4350

■ 99.8170, -39.3498,

■ 145.8690, 35.5606,

21.2085

-19.1791

■ 97.1610, -44.4494,
23.5378

■ 148.5250, 40.6602,
-21.5084

Harmonies

Analogous

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



122.8540, -1.9000, 2.7590



122.8430, -1.8946, 1.0147



122.9460, -1.4524, -0.8296

Triad

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



122.8430, -1.8946, 1.0147



122.3200, 1.3212, -3.7886



123.4240, 0.2840, 2.2592

Complementary

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



122.8430, -1.8946, 1.0147



120.1570, 1.8946, -1.0147

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.



123.0540, 1.4524, 0.8296



122.8430, -1.8946, 1.0147



123.1460, 1.9000, -2.7590

Square

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



122.8430, -1.8946, 1.0147



122.2060, 0.8844, -3.6887



123.1570, 1.8946, -1.0147



123.4950, -0.7370, 3.0739

Rectangle

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



122.8430, -1.8946, 1.0147



122.4620, -0.7208, -2.1592



123.1570, 1.8946, -1.0147



123.5380, 0.7208, 2.1592

Sweetspot

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



122.8430, -1.8946, 1.0147



160.1850, -0.5842, 0.7148



120.6090, -0.3002, 2.9739



81.2990, -0.1474, 0.6148



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



122.8430, -1.8946, 1.0147



158.9140, -2.9156, 1.8294



123.1310, -2.0366, -0.1149



60.0710, -1.0210, 0.8147



96.0750, -47.3650, 25.3672



193.9220, -95.6035, 50.9344

Inverse Universe

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



120.1570, 1.8946, -1.0147



154.4990, 3.2050, -1.3146



120.1680, 1.8892, 0.7297



58.3420, 1.3104, -0.2999



28.9250, 47.3650, -25.3672



58.0780, 95.6035, -50.9344

Previews

White Background



This preview shows how the YUV color 122.8430, -1.8946, 1.0147 looks on a white background.

Color Contrast Check

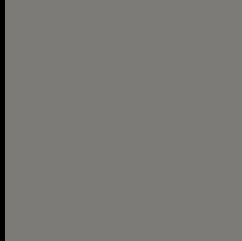
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.8430, -1.8946, 1.0147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

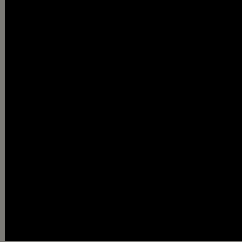
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.8430, -1.8946, 1.0147

Background



This preview shows how black text looks on a background with the YUV color 122.8430, -1.8946, 1.0147.



This preview shows how white text looks on a background with the YUV color 122.8430, -1.8946,

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

122.8430, -1.8946, 1.0147

Protanopia

122.8540, -1.9000, 2.7590

Deuteranopia

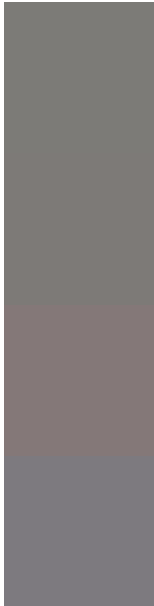
124.1970, -2.0691, 10.3512



Tritanopia

123.6350, 3.6309, 2.0741

Trichromacy



Original Color

122.8430, -1.8946, 1.0147

Protanomaly

122.5550, -1.7526, 2.1443

Deuteranomaly

123.5880, -1.7689, 7.3773

Tritanomaly

123.4670, 1.7418, 1.3444

Monochromacy



Original Color

122.8430, -1.8946, 1.0147

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.8860, -0.4368, 0.1000

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.8430, -1.8946, 1.0147 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(124, 123, 119)` looks like.

```
.text, #text, p{  
    color:rgb(124, 123, 119)  
}
```

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(124, 123, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 123, 119) }
```

Border

The CSS property to change the border of an element to YUV 122.8430, -1.8946, 1.0147 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(124, 123, 119) }
```


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

```
.border{ border-color:rgb(124, 123, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 123, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 123, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 123, 119);  
box-shadow:4px 4px 4px 4px rgb(124, 123,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 122.8430, -1.8946, 1.0147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 123, 119) }
```

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

```
.background{ background-color: rgb(124,  
123, 119) }
```

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