

# Converting Colors

YUV(122.4720, -12.5577,  
14.4951)

Have a look what the booklet for  
YUV(122.4720, -12.5577, 14.4951)  
contains.

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# Color

**YUV(122.4720, -12.5577,  
14.4951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B7761
RGB	139, 119, 97
RGB Percent	55%, 47%, 38%
CMY	0.4549, 0.5333, 0.6196
CMYK	0.00, 0.14, 0.30, 0.45
HSL	31°, 18%, 46%
HSV	31°, 30%, 55%
XYZ	19.4020, 19.5457, 14.0594
YIQ	122.4720, 18.9820, -2.6020

# Conversions

## Conversions Part 2

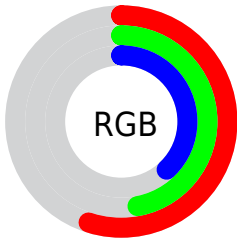
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 139, 97
Decimal	9140065
CIE <sub>Lab</sub>	51.32, 4.23, 14.98
CIE <sub>LCh</sub>	51, 15.566, 74.232
Yxy	19.5457, 0.3660, 0.3687
Android (android.graphics.Color)	4287330145 (0xFF8B7761)
YUV	122.4720, -12.5577, 14.4951
Hunter-Lab	44.2105, 0.9671, 12.0926

# Details

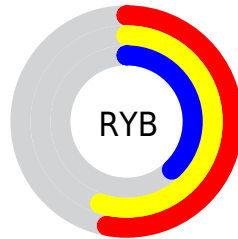
The YUV color  $122.4720, -12.5577, 14.4951$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $113.5280, 12.5577, -14.4951$ , and the grayscale version is  $123.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $174.9560, -13.2893, 15.8246$ , and  $73.6890, -11.6787, 12.5507$  is the 20% darker color. If you saturate the color by 10%, you get  $116.7670, -16.6471, 19.4983$ , and if you desaturate by 10%, it is  $128.1770, -8.4683, 9.4918$ .

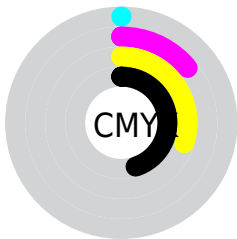
# Distribution



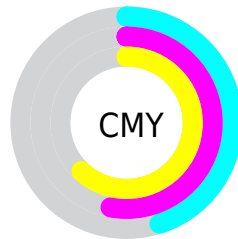
- Red (55%)
- Green (47%)
- Blue (38%)



- Red (53%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (30%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.4720, -12.5577, 14.4951 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 122.4720, -12.5577, 14.4951 by changing the saturation by 10% instead.



■ 122.4720,  
-12.5577, 14.4951

■ 122.4720,  
-12.5577, 14.4951

■ 255.0000, 0.0000,  
0.0000

■ 97.2870, -11.9735,  
13.7803

■ 174.9560,  
-13.2893, 15.8246

■ 73.6890, -11.6787,  
12.5507

■ 202.1410,  
-13.8735, 16.5393

■ 50.6180, -10.6577,  
11.7360

■ 230.4400,  
-14.0209, 17.1541

■ 28.9770, -11.8207,  
11.4212

■ 252.1500,  
-10.9200, 2.4994

■ 5.6700, -2.7953,  
9.9364

■ 0.0000, 0.0000,  
0.0000

■ 122.4720,  
-12.5577, 14.4951

■ 122.4720,  
-12.5577, 14.4951

■ 116.7670,  
-16.6471, 19.4983

■ 128.1770, -8.4683,  
9.4918

■ 111.6490,  
-21.0260, 23.9868

■ 133.2950, -4.0894,  
5.0033

■ 105.9440,  
-25.1154, 28.9901

■ 139.0000, 0.0000,  
0.0000

■ 100.8260,  
-29.4942, 33.4786

■ 144.1180, 4.3788,  
-4.4885

■ 95.2350, -33.1469,  
38.3819

■ 149.8230, 8.4683,  
-9.4918

■ 89.5300, -37.2363,  
43.3852

■ 155.4140, 12.1209,  
-14.3951

■ 84.4120, -41.6151,  
47.8737

■ 160.5320, 16.4997,  
-18.8836

■ 166.2370, 20.5892,

-23.8868

■ 171.9420, 24.6786,  
-28.8901

# Harmonies

## Analogous

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



123.6130, -9.6692, 21.3874



122.4720, -12.5577, 14.4951



120.8190, -12.2358, 4.5437

# Triad

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



122.4720, -12.5577, 14.4951



116.9150, 5.4649, -26.2355



124.2210, 8.2720, 6.8222

# Complementary

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



122.4720, -12.5577, 14.4951



113.5280, 12.5577, -14.4951

# 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.



122.2840, 12.6780, -6.3881



122.4720, -12.5577, 14.4951



117.6960, 10.9959, -26.9204

# Square

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



122.4720, -12.5577, 14.4951



117.5370, -1.2507, -18.8879



120.0220, 13.3002, -19.3133



125.0930, 2.4192, 17.4584



# Rectangle

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



122.4720, -12.5577, 14.4951



120.0460, -9.8827, -3.5483



120.0220, 13.3002, -19.3133



123.6550, 10.0301, 2.9336

# Sweetspot

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



122.4720, -12.5577, 14.4951



174.4800, -4.6736, 5.7180



111.8380, 2.5449, 23.8211



87.9250, -2.9210, 3.5738



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



122.4720, -12.5577, 14.4951



155.3930, -19.4207, 22.4573



133.9130, -18.1981, 3.5843



66.4410, -2.1894, 2.2442



80.2700, -39.5731, 46.2442



3.2560, -1.6052, 1.5295



# Inverse Universe

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



113.5280, 12.5577, -14.4951



141.6070, 19.4207, -22.4573



102.0870, 18.1981, -3.5843



64.5590, 2.1894, -2.2442



52.1430, 39.8625, -45.7294

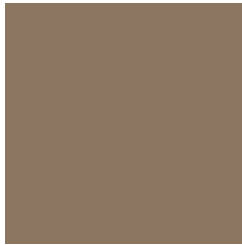


1.7440, 1.6052, -1.5295



# Previews

## White Background



This preview shows how the YUV color 122.4720, -12.5577, 14.4951 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

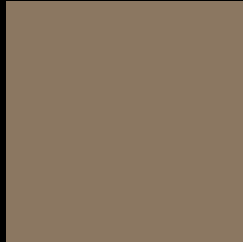
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 122.4720, -12.5577, 14.4951 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

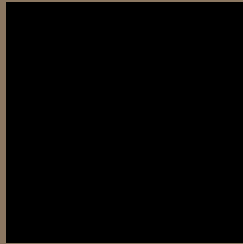
Any Text WCAG AA ✓ Pass

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 122.4720, -12.5577, 14.4951 Background



This preview shows how black text looks on a background with the YUV color 122.4720, -12.5577, 14.4951.



This preview shows how white text looks on a background with the YUV color 122.4720, -12.5577, 14.4951.



# 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

122.4720, -12.5577, 14.4951

### Protanopia

121.6560, -11.6624, 7.3177

### Deuteranopia

123.0810, -12.8579, 17.4690



## Tritanopia

124.0990, -0.0488, 15.6992

# Trichromacy



## Original Color

122.4720, -12.5577, 14.4951

## Protanomaly

121.9660, -11.8152, 9.6768

## Deuteranomaly

122.7820, -12.7105, 16.8542

## Tritanomaly

123.2470, -4.5588, 15.5694

# Monochromacy



## Original Color

122.4720, -12.5577, 14.4951

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.1810, -4.5262, 5.1033

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.4720, -12.5577, 14.4951 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(139, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(139, 119, 97)  
}
```

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(139, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 119, 97) }
```

## Border

The CSS property to change the border of an element to YUV 122.4720, -12.5577, 14.4951 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(139, 119, 97) }
```



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

```
.border{ border-color:rgb(139, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(139, 119, 97); -webkit-box-shadow:4px 4px 4px 4px rgb(139, 119, 97); box-shadow:4px 4px 4px 4px rgb(139, 119, 97) }
```

# Background

The CSS property to change the background color of an element to YUV 122.4720, -12.5577, 14.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 119, 97) }
```

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

```
.background{ background-color: rgb(139,  
119, 97) }
```

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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