

# Converting Colors

YUV(127.1350, -11.4056,  
18.2986)

Have a look what the booklet for  
YUV(127.1350, -11.4056, 18.2986)  
contains.

<b>YUV(127.1350, -11.4056, 18.2986)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(127.1350, -11.4056,  
18.2986)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	947968
RGB	148, 121, 104
RGB Percent	58%, 47%, 41%
CMY	0.4196, 0.5255, 0.5922
CMYK	0.00, 0.18, 0.30, 0.42
HSL	23°, 17%, 49%
HSV	23°, 30%, 58%
XYZ	21.5488, 20.9701, 16.0086
YIQ	127.1350, 21.5490, 0.4370

# Conversions

## Conversions Part 2

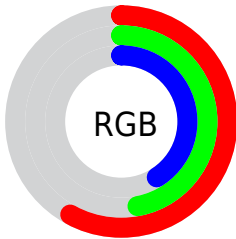
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 132, 104
Decimal	9730408
CIE <sub>Lab</sub>	52.92, 7.83, 13.26
CIE <sub>LCh</sub>	53, 15.400, 59.455
Yxy	20.9701, 0.3682, 0.3583
Android (android.graphics.Color)	4287920488 (0xFF947968)
YUV	127.1350, -11.4056, 18.2986
Hunter-Lab	45.7931, 3.8585, 11.3283

# Details

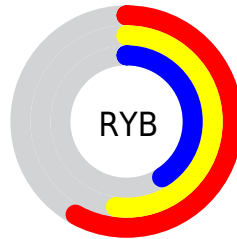
The YUV color **127.1350, -11.4056, 18.2986** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124.8650, 11.4056, -18.2986**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.9180, -12.2846, 20.2429**, and **77.4660, -10.0897, 16.2543** is the 20% darker color. If you saturate the color by 10%, you get **120.1420, -15.3530, 24.4315**, and if you desaturate by 10%, it is **134.1280, -7.4581, 12.1657**.

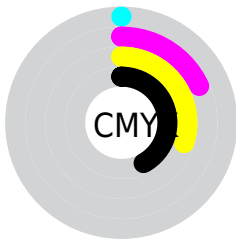
# Distribution



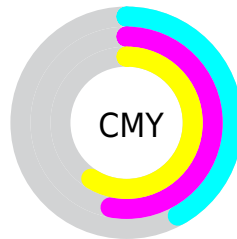
- Red (58%)
- Green (47%)
- Blue (41%)



- Red (58%)
- Yellow (52%)
- Blue (41%)



- Cyan (0%)
- Magenta (18%)
- Yellow (30%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 127.1350, -11.4056, 18.2986 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 127.1350, -11.4056, 18.2986 by changing the saturation by 10% instead.



■ 127.1350,  
-11.4056, 18.2986

■ 127.1350,  
-11.4056, 18.2986

■ 255.0000, 0.0000,  
0.0000

■ 101.9500,  
-10.8214, 17.5838

■ 179.9180,  
-12.2846, 20.2429

■ 77.4660, -10.0897,  
16.2543

■ 207.8040,  
-12.7214, 20.3429

■ 54.8680, -9.7949,  
15.0248

■ 234.6080,  
-12.1317, 17.8838

■ 33.2700, -9.5001,  
13.7952

■ 253.0620, -7.4256,  
1.6996

■ 10.4210, -5.1376,  
14.5398

■ 0.0000, 0.0000,  
0.0000

■ 127.1350,  
-11.4056, 18.2986

■ 127.1350,  
-11.4056, 18.2986

■ 120.1420,  
-15.3530, 24.4315

■ 134.1280, -7.4581,  
12.1657

■ 113.1490,  
-19.3005, 30.5643

■ 141.1210, -3.5107,  
6.0329

■ 106.2700,  
-22.8111, 36.5972

■ 148.0000, 0.0000,  
0.0000

■ 99.2770, -26.7586,  
42.7301

■ 154.9930, 3.9475,  
-6.1329

■ 92.2840, -30.7060,  
48.8629

■ 161.9860, 7.8949,  
-12.2657

■ 85.2910, -34.6535,  
54.9958

■ 168.9790, 11.8424,  
-18.3986

■ 77.7110, -38.3115,  
61.6435

■ 176.5590, 15.5004,  
-25.0462

■ 183.4380, 19.0111,

-31.0791

■ 190.4310, 22.9585,  
-37.2120

# Harmonies

## Analogous

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



128.3080, -7.0538, 22.5319



127.1350, -11.4056, 18.2986



125.7380, -12.6888, 9.8768

# Triad

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



127.1350, -11.4056, 18.2986



121.4270, 2.2545, -23.1765



127.4590, 10.6197, 0.4745

# Complementary

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



127.1350, -11.4056, 18.2986



124.8650, 11.4056, -18.2986

# 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.



125.6530, 12.9891, -12.8507



127.1350, -11.4056, 18.2986



121.4140, 8.6699, -27.5501

# Square

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



127.1350, -11.4056, 18.2986



122.9460, -4.9034, -13.9846



122.5870, 13.0216, -23.3168



128.5700, 5.6350, 12.6551



# Rectangle

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



127.1350, -11.4056, 18.2986



124.6230, -11.6461, 2.0846



122.5870, 13.0216, -23.3168



127.3660, 11.6516, -3.8290

# Sweetspot

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



127.1350, -11.4056, 18.2986



183.1920, -4.5317, 6.8476



120.2340, 5.3076, 24.3508



91.6370, -2.7790, 4.7034



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



127.1350, -11.4056, 18.2986



158.4800, -17.9846, 28.5200



140.0490, -17.7722, 6.9730



70.2670, -1.6106, 3.2738



72.3730, -35.6799, 57.5549



5.3380, -2.6316, 4.0886



# Inverse Universe

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



124.8650, 11.4056, -18.2986



155.1070, 17.6952, -29.0348



111.9510, 17.7722, -6.9730



70.1460, 1.9000, -2.7590



65.0400, 35.9693, -57.0401



4.6620, 2.6316, -4.0886



# Previews

## White Background



This preview shows how the YUV color 127.1350, -11.4056, 18.2986 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

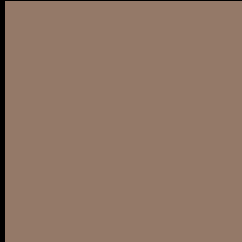
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 127.1350, -11.4056, 18.2986 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

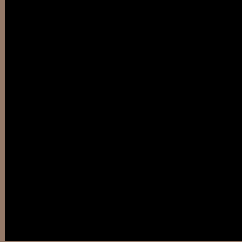
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 127.1350, -11.4056, 18.2986

## Background



This preview shows how black text looks on a background with the YUV color 127.1350, -11.4056, 18.2986.



This preview shows how white text looks on a background with the YUV color 127.1350, -11.4056, 18.2986.



# 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

127.1350, -11.4056, 18.2986

### Protanopia

125.9270, -9.3310, 6.2030

### Deuteranopia

127.4230, -11.5475, 17.1690



## Tritanopia

128.8930, -0.9332, 19.3878

# Trichromacy



## Original Color

127.1350, -11.4056, 18.2986

## Protanomaly

126.1340, -9.9261, 10.4065

## Deuteranomaly

127.4230, -11.5475, 17.1690

## Tritanomaly

128.2690, -4.5696, 19.0581

# Monochromacy



## Original Color

127.1350, -11.4056, 18.2986

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.3060, -4.0949, 6.7476

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 127.1350, -11.4056, 18.2986 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(148, 121, 104)` looks like.

```
.text, #text, p{  
    color:rgb(148, 121, 104)  
}
```

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(148, 121, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 121, 104) }
```

## Border

The CSS property to change the border of an element to YUV 127.1350, -11.4056, 18.2986 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(148, 121, 104) }
```



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

```
.border{ border-color:rgb(148, 121, 104) }
```

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

Here you see how a box with a 4 pixel rgb(148, 121, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 121, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 121, 104);  
box-shadow:4px 4px 4px 4px rgb(148, 121,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 127.1350, -11.4056, 18.2986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 121, 104) }
```

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

```
.background{ background-color: rgb(148,  
121, 104) }
```

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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