

Converting Colors

YUV(127.7850, -10.7400,
-8.5814)

Have a look what the booklet for
YUV(127.7850, -10.7400, -8.5814)
contains.

YUV(127.7850, -10.7400, -8.5814)	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(127.7850, -10.7400,
-8.5814)**

Conversions

Conversions Part 1

Format	Color
Hex	76896A
RGB	118, 137, 106
RGB Percent	46%, 54%, 42%
CMY	0.5373, 0.4627, 0.5843
CMYK	0.14, 0.00, 0.23, 0.46
HSL	97°, 13%, 48%
HSV	97°, 23%, 54%
XYZ	19.0184, 22.7835, 17.0309
YIQ	127.7850, -1.3730, -13.6690

Conversions

Conversions Part 2

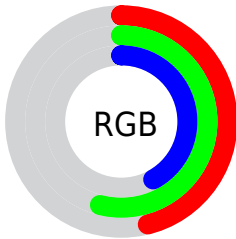
Format	Color
R_{YB}	106, 137, 125
Decimal	7768426
CIE _{Lab}	54.85, -12.93, 14.39
CIE _{LCh}	55, 19.351, 131.944
Yxy	22.7835, 0.3233, 0.3873
Android (android.graphics.Color)	4285958506 (0xFF76896A)
YUV	127.7850, -10.7400, -8.5814
Hunter-Lab	47.7320, -12.4094, 12.2576

Details

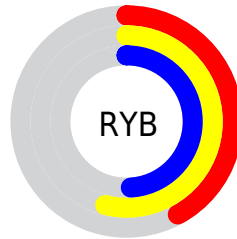
The YUV color $127.7850, -10.7400, -8.5814$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $115.2150, 10.7400, 8.5814$, and the grayscale version is $128.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $180.2580, -11.4662, -8.9963$, and $78.4260, -9.5770, -8.2666$ is the 20% darker color. If you saturate the color by 10%, you get $123.7970, -15.6759, -12.1000$, and if you desaturate by 10%, it is $131.7730, -5.8041, -5.0629$.

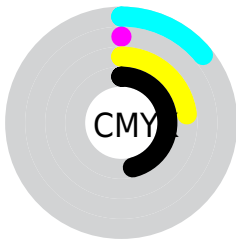
Distribution



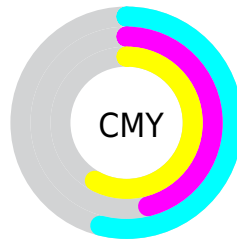
- Red (46%)
- Green (54%)
- Blue (42%)



- Red (42%)
- Yellow (54%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (46%)



- Cyan (54%)
- Magenta (46%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7850, -10.7400, -8.5814 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 127.7850, -10.7400, -8.5814 by changing the saturation by 10% instead.

■ 127.7850,
-10.7400, -8.5814

■ 127.7850,
-10.7400, -8.5814

■ 255.0000, 0.0000,
0.0000

■ 102.8990,
-10.3032, -8.6814

■ 180.2580,
-11.4662, -8.9963

■ 78.4260, -9.5770,
-8.2666

■ 208.1440,
-11.9030, -8.8963

■ 55.8390, -9.2876,
-7.7518

■ 236.7310,
-12.1924, -9.4111

■ 33.9530, -8.8508,
-7.8518

■ 253.2900, -6.5520,
1.4997

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 127.7850,
-10.7400, -8.5814

■ 127.7850,
-10.7400, -8.5814

■ 123.7970,
-15.6759, -12.1000

■ 131.7730, -5.8041,
-5.0629

■ 119.6240,
-20.0276, -16.3332

■ 135.9460, -1.4524,
-0.8296

■ 115.6360,
-24.9635, -19.8518

■ 139.9340, 3.4835,
2.6889

■ 111.3490,
-29.7521, -23.9851

■ 144.2210, 8.2720,
6.8222

■ 107.4750,
-34.2512, -27.6036

■ 148.2090, 13.2080,
10.3407

■ 103.4870,
-39.1871, -31.1221

■ 152.0830, 17.7071,
13.9592

■ 99.2000, -43.9756,
-35.2554

■ 156.3700, 22.4956,
18.0925

■ 96.2660, -47.4591,

■ 160.3580, 27.4315,

-37.9443

21.6110

■ 164.5310, 31.7832,
25.8443

Harmonies

Analogous

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



129.6190, -15.5882, 6.4731



127.7850, -10.7400, -8.5814



125.4610, -2.6923, -23.2063

Triad

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



127.7850, -10.7400, -8.5814



127.7160, 17.3950, -26.0609



133.4380, -4.1599, 27.6799

Complementary

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



127.7850, -10.7400, -8.5814



115.2150, 10.7400, 8.5814

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.



133.8700, 4.0081, 21.1620



127.7850, -10.7400, -8.5814



130.8860, 16.3252, -9.5470

Square

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



127.7850, -10.7400, -8.5814



124.1510, 14.2226, -35.2124



133.6170, 11.0348, 7.3519



132.8910, -11.2853, 26.4056

Rectangle

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



127.7850, -10.7400, -8.5814



124.4260, 3.7340, -31.0686



133.6170, 11.0348, 7.3519



133.8230, -1.3917, 26.4652

Sweetspot

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



127.7850, -10.7400, -8.5814



175.1260, -4.4991, -3.6185



126.4220, -10.0680, 9.2769



87.0060, -2.4680, -1.7593



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



127.7850, -10.7400, -8.5814



164.4440, -16.9809, -13.5444



124.5390, -7.6607, -16.2587



67.0060, -2.4680, -1.7593



93.3200, -46.0068, -37.1146



3.5330, -1.7418, -1.3444

Inverse Universe

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



115.2150, 10.7400, 8.5814



144.5560, 16.9809, 13.5444



118.4610, 7.6607, 16.2587



63.9940, 2.4680, 1.7593



39.3810, 46.1542, 36.4999



1.4670, 1.7418, 1.3444

Previews

White Background



This preview shows how the YUV color 127.7850, -10.7400, -8.5814 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 127.7850, -10.7400, -8.5814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

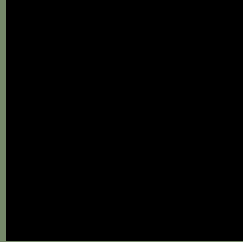
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.7850, -10.7400, -8.5814

Background



This preview shows how black text looks on a background with the YUV color 127.7850, -10.7400, -8.5814.



This preview shows how white text looks on a background with the YUV color 127.7850, -10.7400, -8.5814.

-8.5814.

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

127.7850, -10.7400, -8.5814

Protanopia

130.2000, -13.4096, 7.7176

Deuteranopia

131.7220, -11.6949, 17.7838



Tritanopia

130.8620, 5.9840, -6.0180

Trichromacy



Original Color

127.7850, -10.7400, -8.5814

Protanomaly

129.0960, -12.3723, 1.6698

Deuteranomaly

130.3680, -11.5204, 8.4473

Tritanomaly

129.9560, 0.0217, -6.9774

Monochromacy



Original Color

127.7850, -10.7400, -8.5814

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6530, -3.7729, -3.2037

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7850, -10.7400, -8.5814 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(118, 137, 106)` looks like.

```
.text, #text, p{  
    color:rgb(118, 137, 106)  
}
```

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(118, 137, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 137, 106) }
```

Border

The CSS property to change the border of an element to YUV 127.7850, -10.7400, -8.5814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

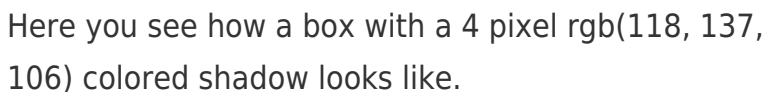
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 137, 106) }
```


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

```
.border{ border-color:rgb(118, 137, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 137, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 137, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 137, 106); box-shadow:4px 4px 4px 4px rgb(118, 137, 106) }
```

Background

The CSS property to change the background color of an element to YUV 127.7850, -10.7400, -8.5814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 137, 106) }
```

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

```
.background{ background-color: rgb(118,  
137, 106) }
```

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