

Converting Colors

YUV(98.3850, -10.5428,
21.5874)

Have a look what the booklet for
YUV(98.3850, -10.5428, 21.5874)
contains.

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Color

**YUV(98.3850, -10.5428,
21.5874)**

Conversions

Conversions Part 1

Format	Color
Hex	7B5A4D
RGB	123, 90, 77
RGB Percent	48%, 35%, 30%
CMY	0.5176, 0.6471, 0.6980
CMYK	0.00, 0.27, 0.37, 0.52
HSL	17°, 23%, 39%
HSV	17°, 37%, 48%
XYZ	13.1641, 12.0591, 8.6550
YIQ	98.3850, 23.8410, 2.9530

Conversions

Conversions Part 2

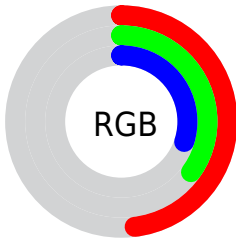
Format	Color
R_{YB}	123, 95, 77
Decimal	8084045
CIE Lab	41.31, 11.67, 12.82
CIE LCh	41, 17.333, 47.683
Yxy	12.0591, 0.3886, 0.3560
Android (android.graphics.Color)	4286274125 (0xFF7B5A4D)
YUV	98.3850, -10.5428, 21.5874
Hunter-Lab	34.7262, 6.8953, 9.5312

Details

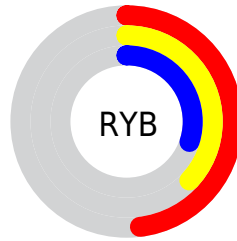
The YUV color $98.3850, -10.5428, 21.5874$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $101.6150, 10.5428, -21.5874$, and the grayscale version is $98.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $149.4670, -11.5692, 24.1464$, and $51.4170, -9.0796, 18.9283$ is the 20% darker color. If you saturate the color by 10%, you get $91.7340, -13.1799, 27.4203$, and if you desaturate by 10%, it is $105.0360, -7.9057, 15.7544$.

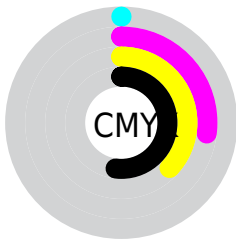
Distribution



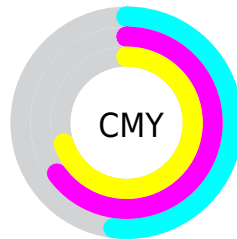
- Red (48%)
- Green (35%)
- Blue (30%)



- Red (48%)
- Yellow (37%)
- Blue (30%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (52%)



- Cyan (52%)
- Magenta (65%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.3850, -10.5428, 21.5874 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 98.3850, -10.5428, 21.5874 by changing the saturation by 10% instead.

■ 98.3850, -10.5428,
21.5874

■ 98.3850, -10.5428,
21.5874

■ 255.0000, 0.0000,
0.0000

■ 73.9010, -9.8112,
20.2578

■ 149.4670,
-11.5692, 24.1464

■ 51.4170, -9.0796,
18.9283

■ 176.3530,
-12.0060, 24.2464

■ 29.4060, -9.0742,
17.1839

■ 203.9510,
-12.3008, 25.4760

■ 8.3720, -4.1274,
17.2138

■ 230.0430,
-11.8532, 21.8873

■ 0.0000, 0.0000,
0.0000

■ 249.6710, -7.7258,
4.6735

■ 98.3850, -10.5428,
21.5874

■ 98.3850, -10.5428,
21.5874

■ 91.7340, -13.1799,
27.4203

■ 105.0360, -7.9057,
15.7544

■ 84.9690, -16.2537,
33.3532

■ 111.8010, -4.8319,
9.8215

■ 78.9050, -19.1802,
38.6713

■ 117.8650, -1.9054,
4.5034

■ 72.2540, -21.8172,
44.5042

■ 124.5160, 0.7316,
-1.3295

■ 65.4890, -24.8911,
50.4371

■ 131.2810, 3.8055,
-7.2624

■ 58.8380, -27.5281,
56.2701

■ 137.9320, 6.4425,
-13.0954

■ 57.3220, -28.2597,
57.5996

■ 144.5830, 9.0796,
-18.9283

■ 151.2340, 11.7166,

-24.7612

■ 157.4120, 15.0799,
-30.1793

Harmonies

Analogous

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



98.8890, -4.8753, 23.7763



98.3850, -10.5428, 21.5874



97.5320, -13.5733, 13.5654

Triad

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



98.3850, -10.5428, 21.5874



92.0420, -0.5137, -21.9618



97.9960, 12.8200, -5.2585

Complementary

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



98.3850, -10.5428, 21.5874



101.6150, 10.5428, -21.5874

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.



95.0650, 14.7580, -20.2280



98.3850, -10.5428, 21.5874



90.4630, 7.6597, -30.2241

Square

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



98.3850, -10.5428, 21.5874



94.1700, -7.9718, -9.7961



91.5430, 13.0433, -30.2942



99.6450, 8.5560, 9.0813

Rectangle

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



98.3850, -10.5428, 21.5874



96.4880, -13.5516, 6.5880



91.5430, 13.0433, -30.2942



96.6040, 13.9992, -10.1767

Sweetspot

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



98.3850, -10.5428, 21.5874



151.3170, -4.1003, 8.4920



94.6300, 8.0704, 24.8805



76.0500, -2.4896, 5.2182



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.



98.3850, -10.5428, 21.5874



122.1540, -16.8379, 34.0679



111.2990, -16.9094, 10.2618



57.9680, -1.4632, 2.6591



57.9200, -28.5546, 58.8292



117.0250, -57.6933, 118.3731

Inverse Universe

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



101.6150, 10.5428, -21.5874



126.8460, 16.8379, -34.0679



88.7010, 16.9094, -10.2618



58.0320, 1.4632, -2.6591



67.0800, 28.5546, -58.8292



134.9750, 57.6933, -118.3731

Previews

White Background



This preview shows how the YUV color 98.3850, -10.5428, 21.5874 looks on a white 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

Black Background



This preview shows how the YUV color 98.3850, -10.5428, 21.5874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

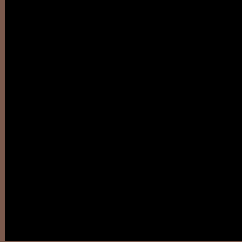
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.3850, -10.5428, 21.5874

Background



This preview shows how black text looks on a background with the YUV color 98.3850, -10.5428, 21.5874.

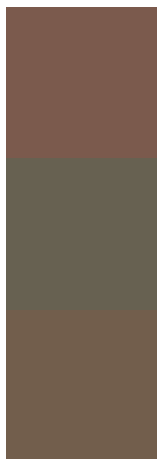


This preview shows how white text looks on a background with the YUV color 98.3850, -10.5428,

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

98.3850, -10.5428, 21.5874

Protanopia

96.9700, -7.8732, 5.2883

Deuteranopia

97.9280, -10.8105, 14.0951



Tritanopia

99.7470, -2.8333, 22.1469

Trichromacy



Original Color

98.3850, -10.5428, 21.5874

Protanomaly

97.1880, -8.4737, 11.2361

Deuteranomaly

98.2380, -10.9633, 16.4543

Tritanomaly

99.3510, -5.5960, 21.6172

Monochromacy



Original Color

98.3850, -10.5428, 21.5874

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0180, -3.9529, 7.8772

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.3850, -10.5428, 21.5874 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(123, 90, 77)` looks like.

```
.text, #text, p{  
    color:rgb(123, 90, 77)  
}
```

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(123, 90, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 90, 77) }
```

Border

The CSS property to change the border of an element to YUV 98.3850, -10.5428, 21.5874 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(123, 90, 77) }
```


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

```
.border{ border-color:rgb(123, 90, 77) }
```

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

Here you see how a box with a 4 pixel rgb(123, 90, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 90, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 90, 77);  
box-shadow:4px 4px 4px 4px rgb(123, 90,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 98.3850, -10.5428, 21.5874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 90, 77) }
```

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

```
.background{ background-color: rgb(123, 90,  
77) }
```

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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