

Converting Colors

YUV(99.3880, -21.8833,
18.9537)

Have a look what the booklet for
YUV(99.3880, -21.8833, 18.9537)
contains.

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Color

**YUV(99.3880, -21.8833,
18.9537)**

Conversions

Conversions Part 1

Format	Color
Hex	796137
RGB	121, 97, 55
RGB Percent	47%, 38%, 22%
CMY	0.5255, 0.6196, 0.7843
CMYK	0.00, 0.20, 0.55, 0.53
HSL	38°, 37%, 35%
HSV	38°, 55%, 47%
XYZ	12.8494, 12.8902, 5.4252
YIQ	99.3880, 27.7860, -7.9740

Conversions

Conversions Part 2

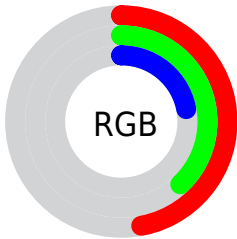
Format	Color
RYB	93, 121, 55
Decimal	7954743
CIELab	42.60, 4.04, 27.43
CIElCh	43, 27.731, 81.618
Yxy	12.8902, 0.4123, 0.4136
Android (android.graphics.Color)	4286144823 (0xFF796137)
YUV	99.3880, -21.8833, 18.9537
Hunter-Lab	35.9029, 1.0541, 16.1728

Details

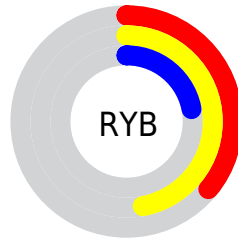
The YUV color **99.3880, -21.8833, 18.9537** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **76.6120, 21.8833, -18.9537**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.3560, -23.3465, 21.6128**, and **52.0070, -20.7095, 15.7799** is the 20% darker color. If you saturate the color by 10%, you get **95.6720, -25.9673, 22.2127**, and if you desaturate by 10%, it is **103.1040, -17.7993, 15.6948**.

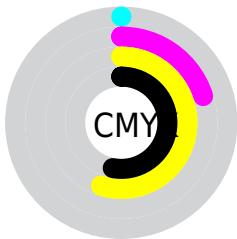
Distribution



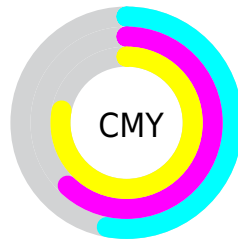
- Red (47%)
- Green (38%)
- Blue (22%)



- Red (36%)
- Yellow (47%)
- Blue (22%)



- Cyan (0%)
- Magenta (20%)
- Yellow (55%)
- Black (53%)





- Cyan (53%)
- Magenta (62%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.3880, -21.8833, 18.9537 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 99.3880, -21.8833, 18.9537 by changing the saturation by 10% instead.


 99.3880, -21.8833,
18.9537


 99.3880, -21.8833,
18.9537


255.0000, 0.0000,
0.0000


 75.0180, -20.7149,
17.5242


 150.3560,
-23.3465, 21.6128


 52.0070, -20.7095,
15.7799

 177.4270,
-24.3675, 22.4275

 31.3640, -15.4625,
12.8358

 204.9110,
-25.0991, 23.7571

 9.8010, -4.8319,
9.8215

 231.3020,
-24.7989, 20.7831

 0.0000, 0.0000,
0.0000

 249.7560,
-20.0927, 4.5990

 252.9480, -7.8624,

1.7996

■ 99.3880, -21.8833,
18.9537

■ 99.3880, -21.8833,
18.9537

■ 95.6720, -25.9673,
22.2127

■ 103.1040,
-17.7993, 15.6948

■ 91.3690, -29.7619,
25.9864

■ 107.4070,
-14.0047, 11.9211

■ 87.6530, -33.8459,
29.2453

■ 111.1230, -9.9206,
8.6621

■ 83.3500, -37.6405,
33.0191

■ 115.4260, -6.1260,
4.8884

■ 81.3780, -40.1194,
34.7485

■ 119.1420, -2.0420,
1.6295

■ 122.9720, 2.4788,
-1.7294

■ 127.2750, 6.2734,
-5.5032

■ 130.9910, 10.3574,
-8.7621

■ 135.2940, 14.1521,
-12.5358

Harmonies

Analogous

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



100.7300, -17.1219, 31.8088



99.3880, -21.8833, 18.9537



97.1470, -19.7925, 1.6251

Triad

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



99.3880, -21.8833, 18.9537



79.6690, 18.4042, -69.8697



103.7260, 12.4601, 16.9033

Complementary

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



99.3880, -21.8833, 18.9537



76.6120, 21.8833, -18.9537

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.



101.0480, 20.6823, -7.0581



99.3880, -21.8833, 18.9537



80.0740, 27.5715, -70.2249

Square

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



99.3880, -21.8833, 18.9537



88.3060, 2.3141, -42.3644



94.3110, 24.9897, -35.3527



102.8930, 2.5178, 32.5428

Rectangle

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



99.3880, -21.8833, 18.9537



95.0250, -14.8023, -12.2999



94.3110, 24.9897, -35.3527



102.8930, 15.8288, 9.7408

Sweetspot

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



99.3880, -21.8833, 18.9537



149.8670, -8.3154, 7.1326



77.4700, 0.7543, 38.1758



74.3550, -5.1050, 4.0737



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



99.3880, -21.8833, 18.9537



124.5390, -34.2827, 29.3453



110.7850, -27.5020, 1.0656



59.1420, -2.0420, 1.6295



84.3350, -41.5772, 35.6632



169.8550, -83.7385, 72.0412

Inverse Universe

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



76.6120, 21.8833, -18.9537



89.0480, 33.9933, -29.8601



65.2150, 27.5020, -1.0656



56.8580, 2.0420, -1.6295



40.6650, 41.5772, -35.6632



82.7320, 83.4491, -72.5560

Previews

White Background



This preview shows how the YUV color 99.3880, -21.8833, 18.9537 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 99.3880, -21.8833, 18.9537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

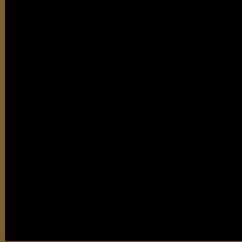
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.3880, -21.8833, 18.9537

Background



This preview shows how black text looks on a background with the YUV color 99.3880, -21.8833, 18.9537.



This preview shows how white text looks on a background with the YUV color 99.3880, -21.8833,

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

99.3880, -21.8833, 18.9537

Protanopia

98.8600, -21.1300, 10.6468

Deuteranopia

99.3990, -21.8887, 20.6981



Tritanopia

102.6650, -1.8068, 19.5878

Trichromacy



Original Color

99.3880, -21.8833, 18.9537

Protanomaly

99.4690, -21.4302, 13.6207

Deuteranomaly

99.1000, -21.7413, 20.0833

Tritanomaly

101.7160, -9.2270, 19.5431

Monochromacy



Original Color

99.3880, -21.8833, 18.9537

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9810, -7.8786, 7.0327

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.3880, -21.8833, 18.9537 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(121, 97, 55)` looks like.

```
.text, #text, p{  
    color:rgb(121, 97, 55)  
}
```

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(121, 97, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 97, 55) }
```

Border

The CSS property to change the border of an element to YUV 99.3880, -21.8833, 18.9537 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(121, 97, 55) }
```


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

```
.border{ border-color:rgb(121, 97, 55) }
```

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

Here you see how a box with a 4 pixel rgb(121, 97, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 97, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 97, 55);  
box-shadow:4px 4px 4px 4px rgb(121, 97,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 99.3880, -21.8833, 18.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 97, 55) }
```

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

```
.background{ background-color: rgb(121, 97,  
55) }
```

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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