

Converting Colors

YUV(27.9870, -13.7976, -7.8816)

Have a look what the booklet for
YUV(27.9870, -13.7976, -7.8816)
contains.

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Color

**YUV(27.9870, -13.7976,
-7.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	132600
RGB	19, 38, 0
RGB Percent	7%, 15%, 0%
CMY	0.9255, 0.8510, 1.0000
CMYK	0.50, 0.00, 1.00, 0.85
HSL	90°, 100%, 7%
HSV	90°, 100%, 15%
XYZ	0.9617, 1.5247, 0.2436
YIQ	27.9870, 0.8740, -15.8460

Conversions

Conversions Part 2

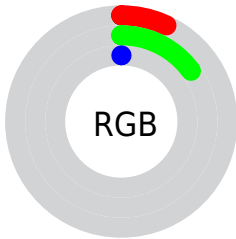
Format	Color
RYB	0, 38, 19
Decimal	1254912
CIELab	12.76, -15.84, 18.52
CIElCh	13, 24.372, 130.536
Yxy	1.5247, 0.3523, 0.5585
Android (android.graphics.Color)	4279444992 (0xFF132600)
YUV	27.9870, -13.7976, -7.8816
Hunter-Lab	12.3478, -7.7066, 7.4737

Details

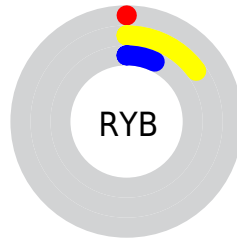
The YUV color **27.9870, -13.7976, -7.8816** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.0130, 13.7976, 7.8816**, and the grayscale version is **28.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6170, -12.6292, -9.3111**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.9870, -13.7976, -7.8816**, and if you desaturate by 10%, it is **29.0410, -12.3452, -7.0520**.

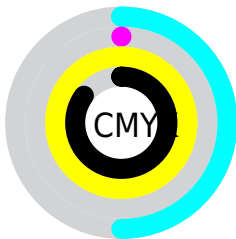
Distribution



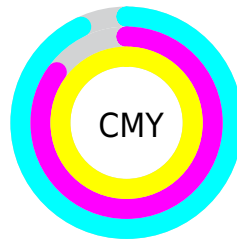
- Red (7%)
- Green (15%)
- Blue (0%)



- Red (0%)
- Yellow (15%)
- Blue (7%)



- Cyan (50%)
- Magenta (0%)
- Yellow (100%)
- Black (85%)



- Cyan (93%)
- Magenta (85%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 27.9870, -13.7976, -7.8816 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 27.9870, -13.7976, -7.8816 by changing the saturation by 10% instead.

■ 27.9870, -13.7976,
-7.8816

■ 27.9870, -13.7976,
-7.8816

■ 249.0030,
-11.3405, -2.6336

■ 9.9790, -4.9196,
-8.7516

■ 72.6170, -12.6292,
-9.3111

■ 0.0000, 0.0000,
0.0000

■ 96.2040, -12.9186,
-9.8259


■ 121.6770,
-13.6448, -10.2407


■ 147.4490,
-14.5184, -10.0408


■ 174.0360,
-14.8077, -10.5556


■ 201.6230,


-15.0971, -11.0704


 229.5090,
-15.5339, -10.9704


 27.9870, -13.7976,
-7.8816

 29.0410, -12.3452,
-7.0520

 30.0950, -10.8928,
-6.2223

 31.0350, -9.8773,
-5.2927

 32.0890, -8.4249,
-4.4631

 32.8440, -6.8251,
-4.2482

■ 33.8980, -5.3727,
-3.4185

■ 34.9520, -3.9203,
-2.5889

■ 35.8920, -2.9048,
-1.6593

■ 36.9460, -1.4524,
-0.8296

Harmonies

Analogous

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



31.0210, -15.2934, 5.2436



27.9870, -13.7976, -7.8816



25.8740, -2.4029, -22.6915

Triad

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



27.9870, -13.7976, -7.8816



29.7160, 17.3950, -26.0609



31.4210, -1.6866, 27.6948

Complementary

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



27.9870, -13.7976, -7.8816



10.0130, 13.7976, 7.8816

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.



33.6250, 5.6079, 21.3769



27.9870, -13.7976, -7.8816



28.6890, 18.3943, -19.8983

Square

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



27.9870, -13.7976, -7.8816



29.7500, 12.4483, -26.0907



34.2470, 12.2032, 5.9224



31.2930, -10.9904, 25.1760

Rectangle

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



27.9870, -13.7976, -7.8816



27.8290, 2.5493, -24.4060



34.2470, 12.2032, 5.9224



31.6920, 0.6448, 26.5801

Sweetspot

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



27.9870, -13.7976, -7.8816



44.3110, -5.0833, -2.9037



22.5150, -11.0999, 13.5803



23.3650, -3.6309, -2.0741



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



27.9870, -13.7976, -7.8816



35.3520, -17.4285, -9.9557



22.3060, -10.9969, -19.5624



17.4730, -0.7262, -0.4148



60.3930, -29.7737, -17.0077



154.0780, -75.9605, -43.0414

Inverse Universe

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



10.0130, 13.7976, 7.8816



12.6480, 17.4285, 9.9557



15.6940, 10.9969, 19.5624



16.5270, 0.7262, 0.4148



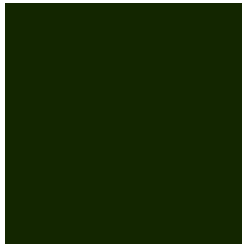
21.6070, 29.7737, 17.0077



55.2210, 75.8130, 43.6562

Previews

White Background



This preview shows how the YUV color 27.9870, -13.7976, -7.8816 looks on a white background.

Color Contrast Check

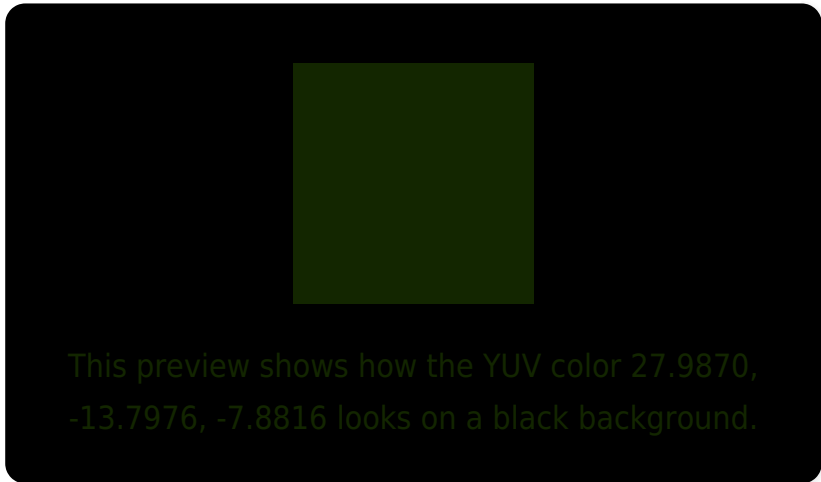
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

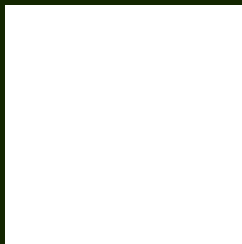
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 27.9870, -13.7976, -7.8816

Background



This preview shows how black text looks on a background with the YUV color 27.9870, -13.7976, -7.8816.



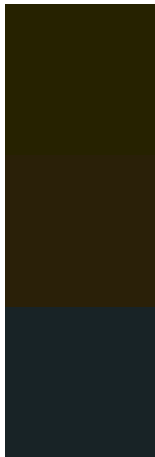
This preview shows how white text looks on a background with the YUV color 27.9870, -13.7976, -7.8816.

-7.8816.

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



Protanopia

31.3200, -15.4408, 5.8584

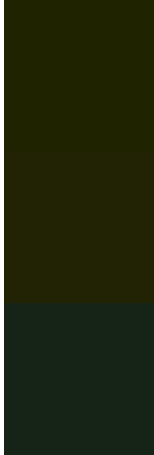
Deuteranopia

32.2540, -11.9572, 8.5472

Tritanopia

32.0530, 2.9319, -7.0625

Trichromacy



Protanomaly

29.8140, -14.6983, 1.0401

Deuteranomaly

30.6940, -12.6671, 2.8994

Tritanomaly

30.4460, -3.1779, -7.4071

Monochromacy



Achromatopsia

28.0000, 0.0000, 0.0000

Achromatomaly

28.3110, -5.0833, -2.9037

CSS Examples

Text

The CSS property to change the color of the text to YUV 27.9870, -13.7976, -7.8816 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(19, 38, 0)` looks like.

```
.text, #text, p{  
    color:rgb(19, 38, 0)  
}
```

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(19, 38, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 38, 0) }
```

Border

The CSS property to change the border of an element to YUV 27.9870, -13.7976, -7.8816 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(19, 38, 0) }
```

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

```
.border{ border-color:rgb(19, 38, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 38, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 38, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(19, 38, 0); box-shadow:4px  
4px 4px 4px rgb(19, 38, 0) }
```


Background

The CSS property to change the background color of an element to YUV 27.9870, -13.7976, -7.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 38, 0) }
```

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

```
.background{ background-color: rgb(19, 38,  
0) }
```

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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