

Converting Colors

YUV(18.9870, -6.8956, 18.4284)

Have a look what the booklet for
YUV(18.9870, -6.8956, 18.4284)
contains.

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Color

**YUV(18.9870, -6.8956,
18.4284)**

Conversions

Conversions Part 1

Format	Color
Hex	280B05
RGB	40, 11, 5
RGB Percent	16%, 4%, 2%
CMY	0.8431, 0.9569, 0.9804
CMYK	0.00, 0.73, 0.87, 0.84
HSL	10°, 78%, 9%
HSV	10°, 88%, 16%
XYZ	1.0221, 0.7014, 0.2251
YIQ	18.9870, 19.2100, 4.2820

Conversions

Conversions Part 2

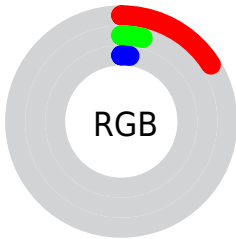
Format	Color
R_{YB}	40, 12, 5
Decimal	2624261
CIE Lab	6.34, 14.09, 7.70
CIE LCh	6, 16.058, 28.672
Yxy	0.7014, 0.5245, 0.3600
Android (android.graphics.Color)	4280814341 (0xFF280B05)
YUV	18.9870, -6.8956, 18.4284
Hunter-Lab	8.3751, 7.1287, 4.2690

Details

The YUV color **18.9870, -6.8956, 18.4284** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **26.0130, 6.8956, -18.4284**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.2260, -6.0274, 19.9728**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.7700, -7.7746, 20.3727**, and if you desaturate by 10%, it is **21.2040, -6.0166, 16.4841**.

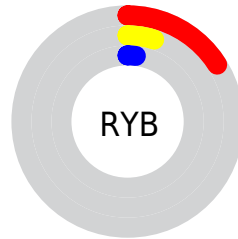
Distribution



Red (16%)

Green (4%)

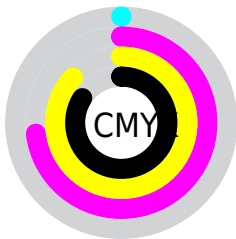
Blue (2%)



Red (16%)

Yellow (5%)

Blue (2%)

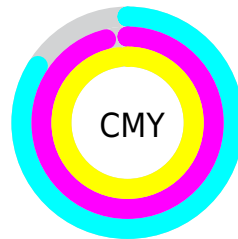


Cyan (0%)

Magenta (73%)

Yellow (87%)

Black (84%)



Cyan (84%)

Magenta (96%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.9870, -6.8956, 18.4284 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 18.9870, -6.8956, 18.4284 by changing the saturation by 10% instead.

■ 18.9870, -6.8956,
18.4284

■ 18.9870, -6.8956,
18.4284

■ 240.4100, -5.1321,
12.7954

■ 0.0000, 0.0000,
0.0000

■ 63.2260, -6.0274,
19.9728

■ 86.8240, -6.3222,
21.2024

■ 111.3080, -7.0538,
22.5319

■ 136.9060, -7.3487,
23.7614

■ 163.2050, -7.4961,
24.3762

■ 190.8030, -7.7909,

25.6058

■ 218.1020, -7.9383,
26.2205

■ 18.9870, -6.8956,
18.4284

■ 18.9870, -6.8956,
18.4284

■ 16.7700, -7.7746,
20.3727

■ 21.2040, -6.0166,
16.4841

■ 16.0690, -7.9220,
20.9875

■ 24.0080, -5.4269,
14.0250

■ 26.2250, -4.5479,
12.0807

■ 28.4420, -3.6689,
10.1364

■ 31.2460, -3.0793,
7.6773

■ 33.4630, -2.2003,
5.7329

■ 35.6800, -1.3212,
3.7886

■ 38.4840, -0.7316,
1.3295

■ 40.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



19.9250, 0.5300, 16.7288



18.9870, -6.8956, 18.4284



19.5690, -9.6475, 14.4100

Triad

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



18.9870, -6.8956, 18.4284



14.9030, -6.3612, -13.0699



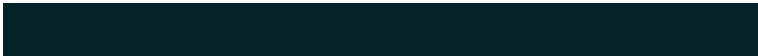
17.0010, 11.8315, -14.9099

Complementary

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



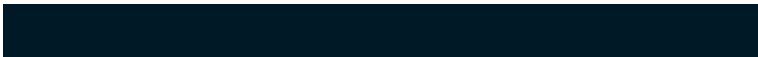
18.9870, -6.8956, 18.4284



26.0130, 6.8956, -18.4284

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.



19.0070, 9.3635, -16.6691



18.9870, -6.8956, 18.4284



18.0150, 0.4856, -15.7992

Square

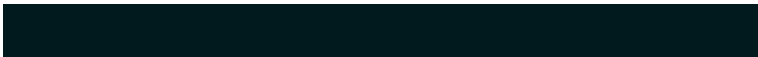
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.9870, -6.8956, 18.4284



17.9860, -8.8671, -2.6187



18.6820, 5.5798, -16.3841



20.4050, 9.1673, -0.3552

Rectangle

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



18.9870, -6.8956, 18.4284



19.5360, -9.6312, 9.1769



18.6820, 5.5798, -16.3841



18.1750, 11.2527, -15.9395

Sweetspot

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



18.9870, -6.8956, 18.4284



43.0610, -2.4951, 6.9625



18.7710, 7.5079, 18.6178



20.9790, -1.4686, 4.4034



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.



18.9870, -6.8956, 18.4284



20.5320, -10.1223, 26.7204



28.9660, -11.8152, 9.6768



19.1850, -0.5842, 0.7148



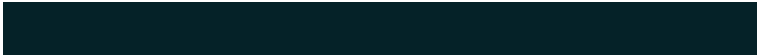
33.3340, -16.4337, 44.4341



84.5200, -41.6684, 111.8000

Inverse Universe

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



26.0130, 6.8956, -18.4284



30.4680, 10.1223, -26.7204



16.0340, 11.8152, -9.6768



19.4020, 0.2948, -1.2296



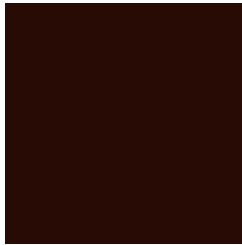
50.6660, 16.4337, -44.4341



126.8930, 41.9578, -111.2852

Previews

White Background



This preview shows how the YUV color 18.9870, -6.8956, 18.4284 looks on a white background.

Color Contrast Check

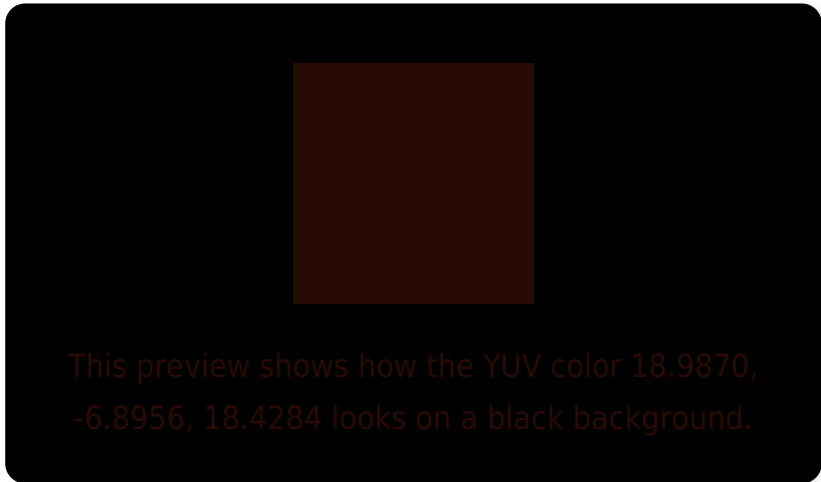
Large Text (above 18pt) WCAG AA ✓ Pass

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

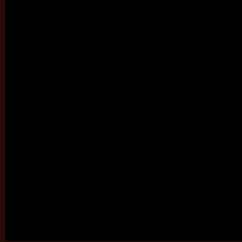
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.9870, -6.8956, 18.4284

Background



This preview shows how black text looks on a background with the YUV color 18.9870, -6.8956, 18.4284.

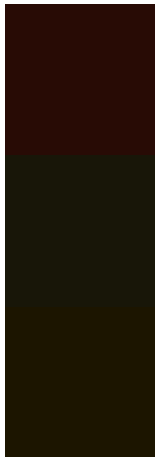


This preview shows how white text looks on a background with the YUV color 18.9870, -6.8956,

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

18.9870, -6.8956, 18.4284

Protanopia

21.0020, -6.4100, 2.6292

Deuteranopia

20.6990, -10.2046, 6.4030



Tritanopia

19.0840, -3.9854, 18.3433

Trichromacy



Original Color

18.9870, -6.8956, 18.4284

Protanomaly

20.3340, -6.5737, 8.4771

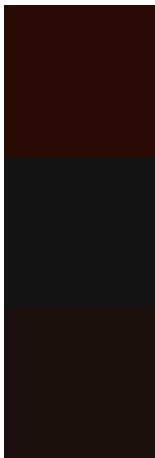
Deuteranomaly

19.7750, -8.7631, 10.7213

Tritanomaly

18.8560, -4.8590, 18.5433

Monochromacy



Original Color

18.9870, -6.8956, 18.4284

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.0610, -2.4951, 6.9625

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.9870, -6.8956, 18.4284 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(40, 11, 5)` looks like.

```
.text, #text, p{  
    color:rgb(40, 11, 5)  
}
```

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(40, 11, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 11, 5) }
```

Border

The CSS property to change the border of an element to YUV 18.9870, -6.8956, 18.4284 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(40, 11, 5) }
```


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

```
.border{ border-color:rgb(40, 11, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 11, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 11, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(40, 11, 5); box-shadow:4px  
4px 4px 4px rgb(40, 11, 5) }
```

Background

The CSS property to change the background color of an element to YUV 18.9870, -6.8956, 18.4284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 11, 5) }
```

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

```
.background{ background-color: rgb(40, 11,  
5) }
```

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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