

Converting Colors

YUV(11.8370, -2.8776, -10.3810)

Have a look what the booklet for
YUV(11.8370, -2.8776, -10.3810)
contains.

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Color

**YUV(11.8370, -2.8776,
-10.3810)**

Conversions

Conversions Part 1

Format	Color
Hex	001306
RGB	0, 19, 6
RGB Percent	0%, 7%, 2%
CMY	1.0000, 0.9255, 0.9765
CMYK	1.00, 0.00, 0.68, 0.93
HSL	139°, 100%, 4%
HSV	139°, 100%, 7%
XYZ	0.2657, 0.4789, 0.2507
YIQ	11.8370, -7.1510, -8.0710

Conversions

Conversions Part 2

Format	Color
R_{YB}	0, 14, 19
Decimal	4870
CIE Lab	4.33, -7.76, 3.87
CIE LCh	4, 8.672, 153.481
Yxy	0.4789, 0.2670, 0.4811
Android (android.graphics.Color)	4278194950 (0xFF001306)
YUV	11.8370, -2.8776, -10.3810
Hunter-Lab	6.9202, -5.2558, 2.6960

Details

The YUV color **11.8370, -2.8776, -10.3810** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **7.1630, 2.8776, 10.3810**, and the grayscale version is **12.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **56.0870, -2.0149, -7.0923**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.8370, -2.8776, -10.3810**, and if you desaturate by 10%, it is **12.5490, -2.7357, -9.2515**.

Distribution



Red (0%)

Green (7%)

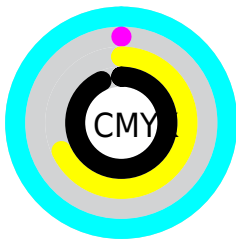
Blue (2%)



Red (0%)

Yellow (5%)

Blue (7%)

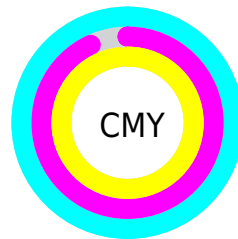


Cyan (100%)

Magenta (0%)

Yellow (68%)

Black (93%)



Cyan (100%)

Magenta (93%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 11.8370, -2.8776, -10.3810 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 11.8370, -2.8776, -10.3810 by changing the saturation by 10% instead.

■ 11.8370, -2.8776,
-10.3810

■ 11.8370, -2.8776,
-10.3810

■ 236.5490, -2.7357,
-9.2515

■ 0.0000, 0.0000,
0.0000

■ 56.0870, -2.0149,
-7.0923

■ 78.6740, -2.3043,
-7.6071

■ 102.6740, -2.3043,
-7.6071

■ 127.9620, -2.4463,
-8.7367

■ 153.9620, -2.4463,
-8.7367

■ 180.8480, -2.8831,

-8.6367

■ 208.5490, -2.7357,
-9.2515

■ 11.8370, -2.8776,
-10.3810

■ 12.5490, -2.7357,
-9.2515

■ 13.3750, -2.1569,
-8.2219

■ 14.0870, -2.0149,
-7.0923

■ 14.7990, -1.8729,
-5.9627

■ 15.6250, -1.2941,
-4.9331

■ 16.0380, -1.0047,
-4.4183

■ 16.7500, -0.8628,
-3.2887

■ 17.4620, -0.7208,
-2.1592

■ 18.2880, -0.1420,
-1.1296

Harmonies

Analogous

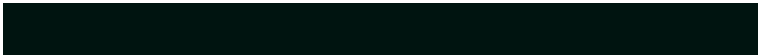
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



13.5670, -6.6885, -1.3743



11.8370, -2.8776, -10.3810



13.5640, 1.2009, -11.8956

Triad

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



11.8370, -2.8776, -10.3810



14.0900, 6.8576, -6.2179



14.9970, -5.4215, 12.2806

Complementary

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



11.8370, -2.8776, -10.3810



7.1630, 2.8776, 10.3810

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.



15.2510, -0.6167, 11.1809



11.8370, -2.8776, -10.3810



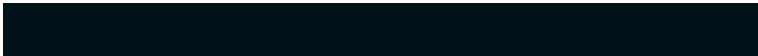
15.9770, 4.9413, 1.7742

Square

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



11.8370, -2.8776, -10.3810



13.5300, 6.1477, -11.8658



15.7390, 2.5937, 8.1219



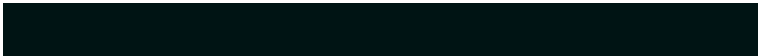
14.8180, -7.3053, 9.8066

Rectangle

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



11.8370, -2.8776, -10.3810



14.0200, 2.9481, -12.2955



15.7390, 2.5937, 8.1219



14.8660, -3.3849, 12.3955

Sweetspot

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



11.8370, -2.8776, -10.3810



22.9240, -1.4415, -4.3183



15.0400, -7.4147, -1.7891



11.1630, -0.5734, -2.7740



140.0000, 0.0000, 0.0000



13.0000, 0.0000, 0.0000

Same Dimension

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



11.8370, -2.8776, -10.3810



16.1740, -4.0298, -14.1846



12.8630, 1.0535, -11.2809



9.7010, 0.1474, -0.6148



46.0600, -11.3686, -40.3946



125.2830, -30.2125, -109.8732

Inverse Universe

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



7.1630, 2.8776, 10.3810



9.7120, 3.5930, 14.2846



6.1370, -1.0535, 11.2809



9.4130, 0.2894, 0.5148



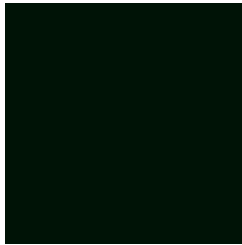
27.9400, 11.3686, 40.3946



75.8310, 30.6493, 109.7732

Previews

White Background



This preview shows how the YUV color 11.8370, -2.8776, -10.3810 looks on a white background.

Color Contrast Check

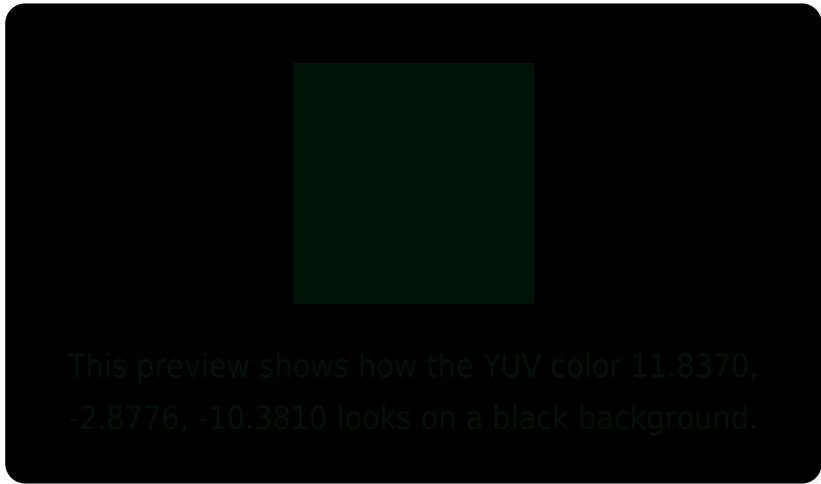
Large Text (above 18pt) WCAG AA ✓ Pass

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

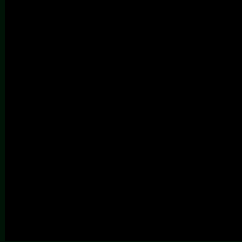
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 11.8370, -2.8776, -10.3810

Background



This preview shows how black text looks on a background with the YUV color 11.8370, -2.8776, -10.3810.



This preview shows how white text looks on a background with the YUV color 11.8370, -2.8776, -10.3810.

-10.3810.

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

11.8370, -2.8776, -10.3810

Protanopia

15.3440, -5.0996, 2.3293

Deuteranopia

15.5830, -4.2314, 3.8737



Tritanopia

15.1240, 1.9109, -6.2477

Trichromacy



Original Color

11.8370, -2.8776, -10.3810

Protanomaly

13.8380, -4.3571, -2.4889

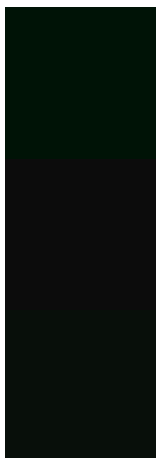
Deuteranomaly

14.0770, -3.4890, -0.9445

Tritanomaly

13.6570, 0.1691, -7.5922

Monochromacy



Original Color

11.8370, -2.8776, -10.3810

Achromatopsia

12.0000, 0.0000, 0.0000

Achromatomaly

12.3370, -1.1521, -3.8035

CSS Examples

Text

The CSS property to change the color of the text to YUV 11.8370, -2.8776, -10.3810 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(0, 19, 6)` looks like.

```
.text, #text, p{  
    color:rgb(0, 19, 6)  
}
```

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(0, 19, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 19, 6) }
```

Border

The CSS property to change the border of an element to YUV 11.8370, -2.8776, -10.3810 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(0, 19, 6) }
```


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

```
.border{ border-color:rgb(0, 19, 6) }
```

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

Here you see how a box with a 4 pixel rgb(0, 19, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 19, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 19, 6); box-shadow:4px  
4px 4px 4px rgb(0, 19, 6) }
```

Background

The CSS property to change the background color of an element to YUV 11.8370, -2.8776, -10.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 19, 6) }
```

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

```
.background{ background-color: rgb(0, 19,  
6) }
```

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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