

Converting Colors

YUV(43.7810, -1.3710, -26.9949)

Have a look what the booklet for
YUV(43.7810, -1.3710, -26.9949)
contains.

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Color

**YUV(43.7810, -1.3710,
-26.9949)**

Conversions

Conversions Part 1

Format	Color
Hex	0D3C29
RGB	13, 60, 41
RGB Percent	5%, 24%, 16%
CMY	0.9490, 0.7647, 0.8392
CMYK	0.78, 0.00, 0.32, 0.76
HSL	156°, 64%, 14%
HSV	156°, 78%, 24%
XYZ	2.1821, 3.4774, 2.6540
YIQ	43.7810, -21.9130, -15.8730

Conversions

Conversions Part 2

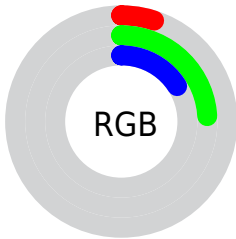
Format	Color
RYB	13, 42, 60
Decimal	867369
CIELab	21.86, -21.09, 7.29
CIElCh	22, 22.318, 160.932
Yxy	3.4774, 0.2625, 0.4183
Android (android.graphics.Color)	4279057449 (0xFF0D3C29)
YUV	43.7810, -1.3710, -26.9949
Hunter-Lab	18.6477, -11.7462, 4.6150

Details

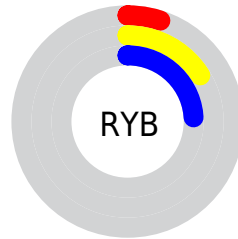
The YUV color **43.7810, -1.3710, -26.9949** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29.2190, 1.3710, 26.9949**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.7380, -2.8288, -26.0802**, and **7.6310, -3.7621, -6.6924** is the 20% darker color. If you saturate the color by 10%, you get **41.7590, -1.3602, -30.4836**, and if you desaturate by 10%, it is **45.8030, -1.3819, -23.5062**.

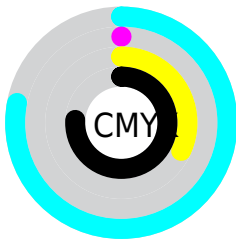
Distribution



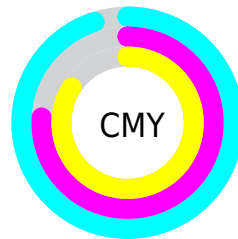
- Red (5%)
- Green (24%)
- Blue (16%)



- Red (5%)
- Yellow (16%)
- Blue (24%)



- Cyan (78%)
- Magenta (0%)
- Yellow (32%)
- Black (76%)



- Cyan (95%)
- Magenta (76%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 43.7810, -1.3710, -26.9949 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 43.7810, -1.3710, -26.9949 by changing the saturation by 10% instead.

■ 43.7810, -1.3710,
-26.9949

■ 43.7810, -1.3710,
-26.9949

■ 253.5050, 0.7370,
-3.0739

■ 24.7000, -1.8241,
-21.6619

■ 91.7380, -2.8288,
-26.0802

■ 7.6310, -3.7621,
-6.6924

■ 116.7380, -2.8288,
-26.0802

■ 0.0000, 0.0000,
0.0000

■ 142.9120, -3.4076,
-27.1098

■ 169.4990, -3.6970,
-27.6246

■ 197.0860, -3.9864,
-28.1394

■ 225.0860, -3.9864,

-28.1394

■ 243.6940, 0.6439,
-19.9026

■ 43.7810, -1.3710,
-26.9949

■ 43.7810, -1.3710,
-26.9949

■ 41.7590, -1.3602,
-30.4836

■ 45.8030, -1.3819,
-23.5062

■ 39.6230, -1.7861,
-33.8724

■ 47.9390, -0.9559,
-20.1175

■ 39.3240, -1.6387,
-34.4871

■ 49.9610, -0.9668,
-16.6288

■ 52.0970, -0.5408,
-13.2401

■ 54.1190, -0.5517,
-9.7514

■ 56.2550, -0.1257,
-6.3626

■ 58.2770, -0.1366,
-2.8739

■ 60.2990, -0.1474,
0.6148

■ 62.4350, 0.2785,
4.0035

Harmonies

Analogous

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



48.3720, -11.0294, -9.0962



43.7810, -1.3710, -26.9949



42.4190, 7.6814, -37.2015

Triad

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



43.7810, -1.3710, -26.9949



50.6790, 16.9203, -13.7505



52.5210, -10.1169, 24.9761

Complementary

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



43.7810, -1.3710, -26.9949



29.2190, 1.3710, 26.9949

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.



52.4810, -2.7021, 26.7652



43.7810, -1.3710, -26.9949



54.3180, 11.1822, 6.7371

Square

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



43.7810, -1.3710, -26.9949



42.9210, 19.7589, -37.6417



53.7990, 5.0291, 20.3473



51.7990, -15.1839, 16.8393

Rectangle

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



43.7810, -1.3710, -26.9949



43.0860, 12.7756, -37.7864



53.7990, 5.0291, 20.3473



52.1020, -7.9383, 26.2205

Sweetspot

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



43.7810, -1.3710, -26.9949



72.4070, -0.6937, -10.8809



46.5690, -16.5495, -11.9000



36.8420, -0.4151, -6.8774



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



43.7810, -1.3710, -26.9949



53.4540, -2.1958, -42.4942



43.5990, 8.0857, -26.8353



29.8750, -0.4314, -1.6444



61.5620, -2.7421, -53.9899



145.3620, -6.5875, -127.4825

Inverse Universe

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



29.2190, 1.3710, 26.9949



30.5460, 2.1958, 42.4942



29.4010, -8.0857, 26.8353



29.0110, -0.0054, 1.7444



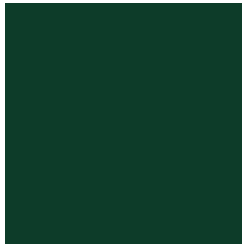
32.4380, 2.7421, 53.9899



76.6380, 6.5875, 127.4825

Previews

White Background



This preview shows how the YUV color 43.7810, -1.3710, -26.9949 looks on a white background.

Color Contrast Check

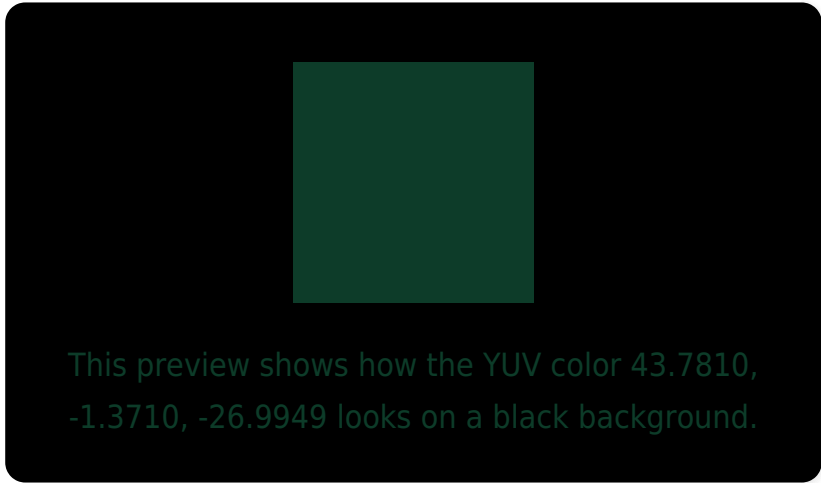
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.7810, -1.3710, -26.9949

Background



This preview shows how black text looks on a background with the YUV color 43.7810, -1.3710, -26.9949.



This preview shows how white text looks on a background with the YUV color 43.7810, -1.3710,

-26.9949.

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

43.7810, -1.3710, -26.9949

Protanopia

51.6000, -6.7048, 3.8588

Deuteranopia

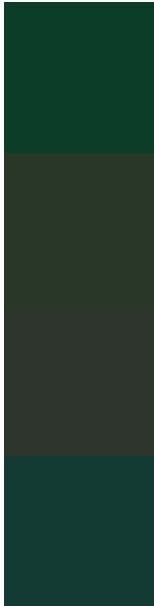
52.4910, -4.6791, 7.4624



Tritanopia

47.7030, 7.0484, -20.7875

Trichromacy



Original Color

43.7810, -1.3710, -26.9949

Protanomaly

48.6910, -4.7777, -7.6220

Deuteranomaly

49.6420, -3.7675, -4.9480

Tritanomaly

46.1820, 3.8543, -22.9616

Monochromacy



Original Color

43.7810, -1.3710, -26.9949

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

44.1190, -0.5517, -9.7514

CSS Examples

Text

The CSS property to change the color of the text to YUV 43.7810, -1.3710, -26.9949 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(13, 60, 41)` looks like.

```
.text, #text, p{  
    color:rgb(13, 60, 41)  
}
```

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(13, 60, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 60, 41) }
```

Border

The CSS property to change the border of an element to YUV 43.7810, -1.3710, -26.9949 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(13, 60, 41) }
```


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

```
.border{ border-color:rgb(13, 60, 41) }
```

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

Here you see how a box with a 4 pixel rgb(13, 60, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 60, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 60, 41);  
box-shadow:4px 4px 4px 4px rgb(13, 60, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 43.7810, -1.3710, -26.9949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 60, 41) }
```

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

```
.background{ background-color: rgb(13, 60,  
41) }
```

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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