

Converting Colors

YUV(26.4840, -4.1826, -11.8255)

Have a look what the booklet for
YUV(26.4840, -4.1826, -11.8255)
contains.

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Color

**YUV(26.4840, -4.1826,
-11.8255)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2312
RGB	13, 35, 18
RGB Percent	5%, 14%, 7%
CMY	0.9490, 0.8627, 0.9294
CMYK	0.63, 0.00, 0.49, 0.86
HSL	134°, 46%, 9%
HSV	134°, 63%, 14%
XYZ	0.8762, 1.3313, 0.7831
YIQ	26.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

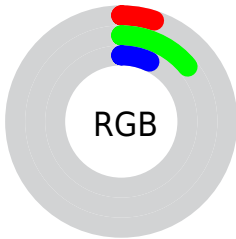
Format	Color
R_{YB}	13, 31, 35
Decimal	860946
CIE _{Lab}	11.49, -13.66, 8.61
CIE _{LCh}	11, 16.153, 147.770
Yxy	1.3313, 0.2930, 0.4452
Android (android.graphics.Color)	4279051026 (0xFF0D2312)
YUV	26.4840, -4.1826, -11.8255
Hunter-Lab	11.5382, -6.6369, 4.0530

Details

The YUV color **26.4840, -4.1826, -11.8255** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **21.5160, 4.1826, 11.8255**, and the grayscale version is **27.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **70.5440, -5.1982, -12.7551**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.9460, -4.9034, -13.9846**, and if you desaturate by 10%, it is **28.0220, -3.4618, -9.6663**.

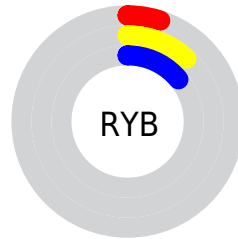
Distribution



Red (5%)

Green (14%)

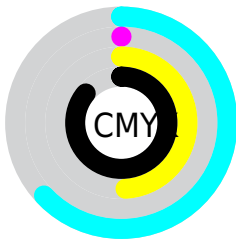
Blue (7%)



Red (5%)

Yellow (12%)

Blue (14%)

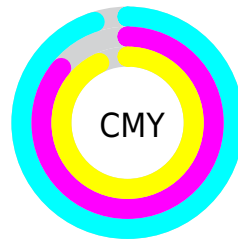


Cyan (63%)

Magenta (0%)

Yellow (49%)

Black (86%)



Cyan (95%)

Magenta (86%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 26.4840, -4.1826, -11.8255 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 26.4840, -4.1826, -11.8255 by changing the saturation by 10% instead.

■ 26.4840, -4.1826,
-11.8255

■ 26.4840, -4.1826,
-11.8255

■ 248.4350, -3.1725,
-9.1515

■ 5.8700, -2.8939,
-5.1480

■ 70.5440, -5.1982,
-12.7551

■ 0.0000, 0.0000,
0.0000

■ 94.1310, -5.4876,
-13.2699

■ 119.1310, -5.4876,
-13.2699

■ 144.7180, -5.7770,
-13.7847

■ 171.3050, -6.0664,
-14.2995

■ 198.8920, -6.3558,

-14.8143

■ 226.8920, -6.3558,
-14.8143

■ 26.4840, -4.1826,
-11.8255

■ 26.4840, -4.1826,
-11.8255

■ 24.9460, -4.9034,
-13.9846

■ 28.0220, -3.4618,
-9.6663

■ 23.8210, -5.3348,
-15.6290

■ 29.1470, -3.0305,
-8.0219

■ 22.2830, -6.0555,
-17.7882

■ 30.6850, -2.3097,
-5.8627

■ 21.4570, -6.6343,
-18.8178

■ 31.9240, -1.4415,
-4.3183

■ 33.4620, -0.7208,
-2.1592

■ 34.5870, -0.2894,
-0.5148

■ 36.1250, 0.4314,
1.6444

■ 37.3640, 1.2995,
3.1888

■ 38.7880, 1.5835,
5.4479

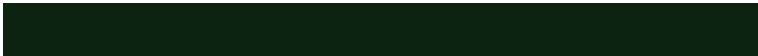
Harmonies

Analogous

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



28.4270, -11.0565, -0.3745



26.4840, -4.1826, -11.8255



24.4380, 2.2491, -21.4321

Triad

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



26.4840, -4.1826, -11.8255



27.1040, 12.2737, -16.7542



30.5570, -4.7116, 17.9285

Complementary

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



26.4840, -4.1826, -11.8255



21.5160, 4.1826, 11.8255

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.



30.9250, 0.5300, 16.7288



26.4840, -4.1826, -11.8255



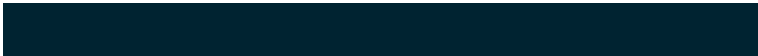
31.1060, 9.3147, -0.9700

Square

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



26.4840, -4.1826, -11.8255



26.1310, 11.2744, -22.9169



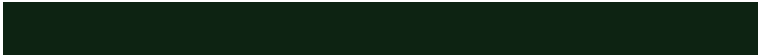
31.7330, 5.0616, 9.8812



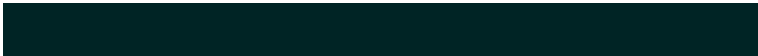
29.7540, -10.2317, 15.1247

Rectangle

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



26.4840, -4.1826, -11.8255



25.3500, 5.7435, -22.2319



31.7330, 5.0616, 9.8812



30.3120, -3.1118, 18.1434

Sweetspot

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



26.4840, -4.1826, -11.8255



42.5110, -1.7309, -4.8331



30.9970, -8.8725, -0.8744



21.0490, -1.0102, -2.6740



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



26.4840, -4.1826, -11.8255



32.4570, -6.6343, -18.8178



27.7380, 0.6222, -12.9252



17.1740, -0.5788, -1.0296



50.3000, -15.4309, -44.1131



128.1550, -39.5164, -112.3919

Inverse Universe

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



21.5160, 4.1826, 11.8255



24.5430, 6.6343, 18.8178



20.2620, -0.6222, 12.9252



16.7120, 0.1420, 1.1296



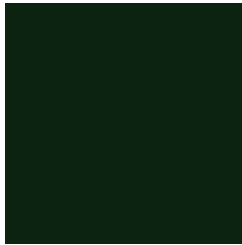
31.7000, 15.4309, 44.1131



80.9590, 39.9532, 112.2920

Previews

White Background



This preview shows how the YUV color 26.4840, -4.1826, -11.8255 looks on a white background.

Color Contrast Check

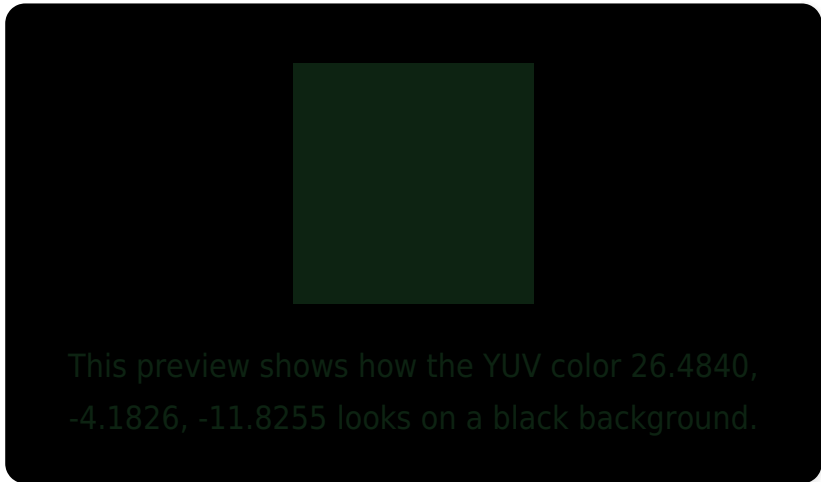
Large Text (above 18pt) WCAG AA ✓ Pass

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

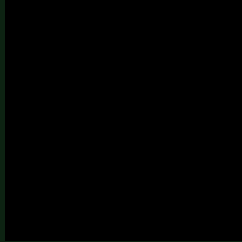
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 26.4840, -4.1826, -11.8255

Background



This preview shows how black text looks on a background with the YUV color 26.4840, -4.1826, -11.8255.



This preview shows how white text looks on a background with the YUV color 26.4840, -4.1826, -11.8255.

-11.8255.

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

26.4840, -4.1826, -11.8255

Protanopia

30.1870, -6.9942, 3.3440

Deuteranopia

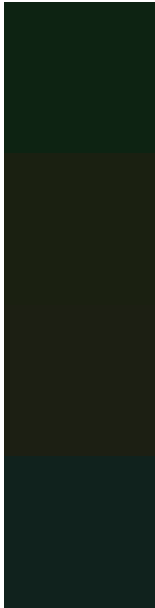
30.2520, -5.5472, 5.9180



Tritanopia

28.8570, 3.5215, -9.5216

Trichromacy



Original Color

26.4840, -4.1826, -11.8255

Protanomaly

28.4960, -5.6675, -2.1890

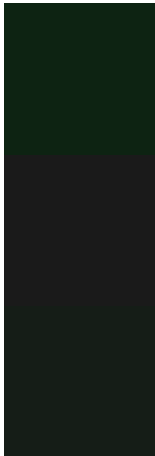
Deuteranomaly

28.7350, -4.7994, -0.6446

Tritanomaly

28.0480, 0.4693, -10.5661

Monochromacy



Original Color

26.4840, -4.1826, -11.8255

Achromatopsia

26.0000, 0.0000, 0.0000

Achromatomaly

25.9240, -1.4415, -4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 26.4840, -4.1826, -11.8255 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, 35, 18)` looks like.

```
.text, #text, p{  
    color:rgb(13, 35, 18)  
}
```

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, 35, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 35, 18) }
```

Border

The CSS property to change the border of an element to YUV 26.4840, -4.1826, -11.8255 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, 35, 18) }
```


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

```
.border{ border-color:rgb(13, 35, 18) }
```

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

Here you see how a box with a 4 pixel rgb(13, 35, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 35, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 35, 18);  
box-shadow:4px 4px 4px 4px rgb(13, 35, 18)  
}
```

Background

The CSS property to change the background color of an element to YUV 26.4840, -4.1826, -11.8255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 35, 18) }
```

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

```
.background{ background-color: rgb(13, 35,  
18) }
```

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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