

Converting Colors

YIQ(33.0830, -17.3720,
-26.5880)

Have a look what the booklet for
YIQ(33.0830, -17.3720, -26.5880)
contains.

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Color

**YIQ(33.0830, -17.3720,
-26.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	003707
RGB	0, 55, 7
RGB Percent	0%, 22%, 3%
CMY	1.0000, 0.7842, 0.9726
CMYK	1.00, 0.00, 0.87, 0.78
HSL	128°, 100%, 11%
HSV	128°, 100%, 22%
XYZ	1.4056, 2.7499, 0.6575
YIQ	33.0830, -17.3720, -26.5880

Conversions

Conversions Part 2

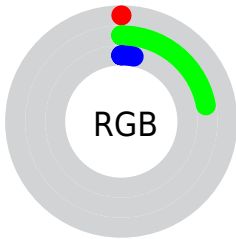
Format	Color
RYB	0, 49, 55
Decimal	14087
CIELab	19.01, -28.19, 23.38
CIELCh	19, 36.622, 140.333
Yxy	2.7499, 0.2920, 0.5714
Android (android.graphics.Color)	4278204167 (0xFF003707)
YUV	33.0830, -12.8589, -29.0138
Hunter-Lab	16.5828, -13.8899, 9.2572

Details

The YIQ color **33.0830, -17.3720, -26.5880** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **21.9170, 17.3720, 26.5880**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **82.2360, -13.4290, -26.4610**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.0830, -17.3720, -26.5880**, and if you desaturate by 10%, it is **35.4470, -15.4010, -23.7610**.

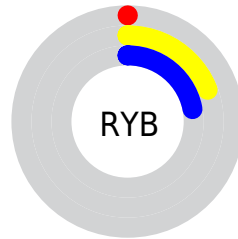
Distribution



Red (0%)

Green (22%)

Blue (3%)



Red (0%)

Yellow (19%)

Blue (22%)

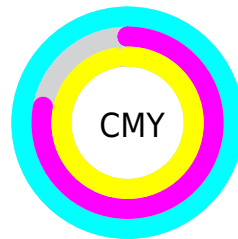


Cyan (100%)

Magenta (0%)

Yellow (87%)

Black (78%)



Cyan (100%)

Magenta (78%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.0830, -17.3720, -26.5880 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 YIQ color 33.0830, -17.3720, -26.5880 by changing the saturation by 10% instead.

■ 33.0830, -17.3720,
-26.5880

■ 33.0830, -17.3720,
-26.5880

■ 248.4200, -1.6030,
-9.4990

■ 19.9580, -9.3500,
-17.7820

■ 82.2360, -13.4290,
-26.4610

■ 0.0000, 0.0000,
0.0000

■ 107.1220,
-13.1080, -26.7720

■ 132.8940,
-12.4660, -27.3940


■ 159.3670,
-12.4200, -28.2280


■ 186.5410,
-12.9700, -29.2740


■ 214.4270,


-12.6490, -29.5850


 236.5570, -9.8990,
-24.3550


 33.0830, -17.3720,
-26.5880

 35.4470, -15.4010,
-23.7610

 37.5120, -14.0260,
-21.1460

 39.7620, -11.7340,
-18.6300

 41.8270, -10.3590,
-16.0150

 44.1910, -8.3880,
-13.1880

■ 46.2560, -7.0130,
-10.5730

■ 48.6200, -5.0420,
-7.7460

■ 50.5710, -3.3460,
-5.4420

■ 52.9350, -1.3750,
-2.6150

Harmonies

Analogous

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



41.9080, 11.2820, -17.2460



33.0830, -17.3720, -26.5880



37.5630, -27.2310, -18.6150

Triad

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



33.0830, -17.3720, -26.5880



41.8100, -46.0790, 3.5930



40.3200, 40.8020, 20.4660

Complementary

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



33.0830, -17.3720, -26.5880



21.9170, 17.3720, 26.5880

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.



42.3870, 30.6680, 27.9160



33.0830, -17.3720, -26.5880



42.8770, -29.8500, 12.3420

Square

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



33.0830, -17.3720, -26.5880



42.7900, -43.3270, -2.2310



46.8880, 7.1480, 24.6520



42.4270, 41.2180, 1.9060

Rectangle

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



33.0830, -17.3720, -26.5880



40.3160, -33.6050, -13.2290



46.8880, 7.1480, 24.6520



40.0580, 38.7840, 24.0000

Sweetspot

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



33.0830, -17.3720, -26.5880



62.6690, -6.7380, -10.0500



46.9360, 14.0790, -18.3770



30.7450, -3.8960, -6.4880



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



33.0830, -17.3720, -26.5880



42.7030, -22.4140, -34.3340



36.1610, -26.0390, -18.1910



26.8750, -1.1460, -1.2580



55.3720, -29.1520, -44.3840



131.7450, -69.2130, -105.8290

Inverse Universe

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



21.9170, 17.3720, 26.5880



28.2970, 22.4140, 34.3340



18.8390, 26.0390, 18.1910



26.2390, 0.8250, 1.5690



36.6280, 29.1520, 44.3840



87.2550, 69.2130, 105.8290

Previews

White Background



This preview shows how the YIQ color 33.0830, -17.3720, -26.5880 looks on a white background.

Color Contrast Check

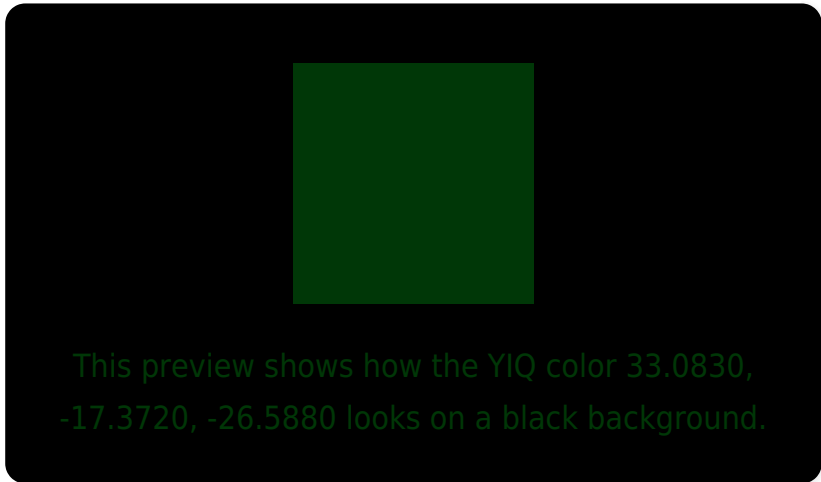
Large Text (above 18pt) WCAG AA ✓ Pass

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

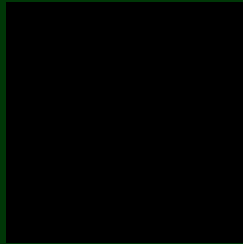
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.0830, -17.3720, -26.5880

Background



This preview shows how black text looks on a background with the YIQ color 33.0830, -17.3720, -26.5880.



This preview shows how white text looks on a background with the YIQ color 33.0830, -17.3720,

-26.5880.

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

33.0830, -17.3720, -26.5880

Protanopia

43.8920, 17.3790, -12.1010

Deuteranopia

45.6520, 18.2950, -6.6730



Tritanopia

43.0840, -17.9720, -4.6920

Trichromacy



Original Color

33.0830, -17.3720, -26.5880

Protanomaly

40.0860, 4.9090, -17.3870

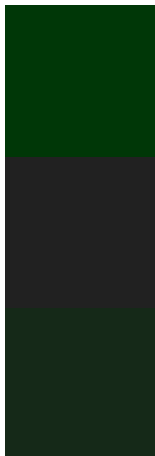
Deuteranomaly

41.3790, 5.6420, -14.1500

Tritanomaly

39.3410, -17.5580, -12.1980

Monochromacy



Original Color

33.0830, -17.3720, -26.5880

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

33.0820, -6.4630, -9.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.0830, -17.3720, -26.5880 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, 55, 7)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 7)  
}
```

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, 55, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 7) }
```

Border

The CSS property to change the border of an element to YIQ 33.0830, -17.3720, -26.5880 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, 55, 7) }
```


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

```
.border{ border-color:rgb(0, 55, 7) }
```

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

Here you see how a box with a 4 pixel rgb(0, 55, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 55, 7); box-shadow:4px  
4px 4px 4px rgb(0, 55, 7) }
```

Background

The CSS property to change the background color of an element to YIQ 33.0830, -17.3720, -26.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 7) }
```

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

```
.background{ background-color: rgb(0, 55,  
7) }
```

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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