

Converting Colors

YIQ(71.3000, -19.4810,
-26.9130)

Have a look what the booklet for
YIQ(71.3000, -19.4810, -26.9130)
contains.

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Color

**YIQ(71.3000, -19.4810,
-26.9130)**

Conversions

Conversions Part 1

Format	Color
Hex	245E2F
RGB	36, 94, 47
RGB Percent	14%, 37%, 18%
CMY	0.8590, 0.6313, 0.8157
CMYK	0.62, 0.00, 0.50, 0.63
HSL	131°, 45%, 25%
HSV	131°, 62%, 37%
XYZ	5.2438, 8.5892, 4.0697
YIQ	71.3000, -19.4810, -26.9130

Conversions

Conversions Part 2

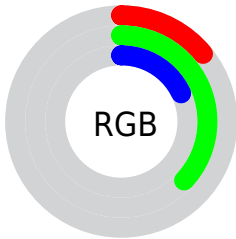
Format	Color
RYB	36, 85, 94
Decimal	2383407
CIELab	35.18, -30.26, 21.37
CIELCh	35, 37.050, 144.769
Yxy	8.5892, 0.2929, 0.4798
Android (android.graphics.Color)	4280573487 (0xFF245E2F)
YUV	71.3000, -11.9799, -30.9581
Hunter-Lab	29.3073, -19.3497, 12.2819

Details

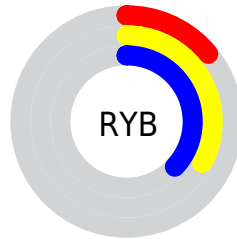
The YIQ color **71.3000, -19.4810, -26.9130** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **58.7000, 19.4810, 26.9130**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.8440, -18.1970, -28.1570**, and **27.5890, -12.9250, -24.5810** is the 20% darker color. If you saturate the color by 10%, you get **67.6970, -22.2770, -31.3090**, and if you desaturate by 10%, it is **74.9030, -16.6850, -22.5170**.

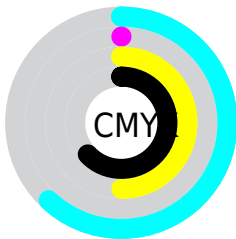
Distribution



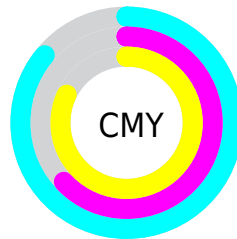
- Red (14%)
- Green (37%)
- Blue (18%)



- Red (14%)
- Yellow (33%)
- Blue (37%)



- Cyan (62%)
- Magenta (0%)
- Yellow (50%)
- Black (63%)



- Cyan (86%)
- Magenta (63%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.3000, -19.4810, -26.9130 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 71.3000, -19.4810, -26.9130 by changing the saturation by 10% instead.

■ 71.3000, -19.4810,
-26.9130

■ 71.3000, -19.4810,
-26.9130

■ 255.0000, -0.0000,
-0.0000

■ 45.4350, -24.2950,
-27.7750

■ 121.8440,
-18.1970, -28.1570

■ 27.5890, -12.9250,
-24.5810

■ 148.3170,
-18.1510, -28.9910

■ 15.8490, -7.4250,
-14.1210

■ 174.9040,
-18.4260, -29.5140

■ 0.0000, 0.0000,
0.0000

■ 202.9640,
-18.6550, -30.8710

■ 230.3770,
-18.3800, -30.3480

■ 242.2400,

-10.0840, -15.4920

254.1030, -1.7880,
-0.6360

■ 71.3000, -19.4810,
-26.9130

■ 71.3000, -19.4810,
-26.9130

■ 67.6970, -22.2770,
-31.3090

■ 74.9030, -16.6850,
-22.5170

■ 63.9090, -25.9900,
-35.6060

■ 78.6910, -12.9720,
-18.2200

■ 60.3060, -28.7860,
-40.0020

■ 82.2940, -10.1760,
-13.8240

■ 57.2300, -31.6280,
-43.5640

■ 86.0820, -6.4630,
-9.5270

■ 89.6850, -3.6670,
-5.1310

■ 93.2880, -0.8710,
-0.7350

■ 97.0760, 2.8420,
3.5620

■ 100.6790, 5.6380,
7.9580

■ 104.5810, 9.0300,
12.5660

Harmonies

Analogous

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



76.9310, 12.4750, -22.3490



71.3000, -19.4810, -26.9130



65.6030, -51.0710, -27.0950

Triad

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



71.3000, -19.4810, -26.9130



67.8440, -69.7820, -1.8620



81.5500, 45.8460, 17.1580

Complementary

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



71.3000, -19.4810, -26.9130



58.7000, 19.4810, 26.9130

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.



83.0840, 35.8950, 26.7990



71.3000, -19.4810, -26.9130



83.2420, -20.4520, 18.2360

Square

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



71.3000, -19.4810, -26.9130



70.1120, -67.9010, -8.4210



85.5790, 12.5120, 26.5600



81.2810, 44.5650, 1.8210

Rectangle

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



71.3000, -19.4810, -26.9130



67.9970, -57.8120, -20.5640



85.5790, 12.5120, 26.5600



81.7010, 44.1030, 21.2150

Sweetspot

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



71.3000, -19.4810, -26.9130



113.0710, -7.9300, -10.4740



84.0990, 12.0620, -20.3700



55.5600, -4.8130, -6.3890



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



71.3000, -19.4810, -26.9130



86.7680, -30.2070, -41.7830



74.6060, -28.7900, -17.8940



44.0490, -1.6960, -2.3040



66.9640, -36.9910, -50.9990



144.2490, -79.6200, -109.9560

Inverse Universe

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



58.7000, 19.4810, 26.9130



67.2320, 30.2070, 41.7830



55.3940, 28.7900, 17.8940



42.9510, 1.6960, 2.3040



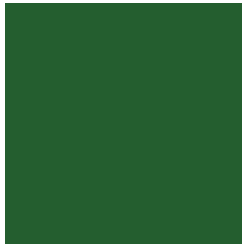
43.0360, 36.9910, 50.9990



92.7510, 79.6200, 109.9560

Previews

White Background



This preview shows how the YIQ color 71.3000, -19.4810, -26.9130 looks on a white background.

Color Contrast Check

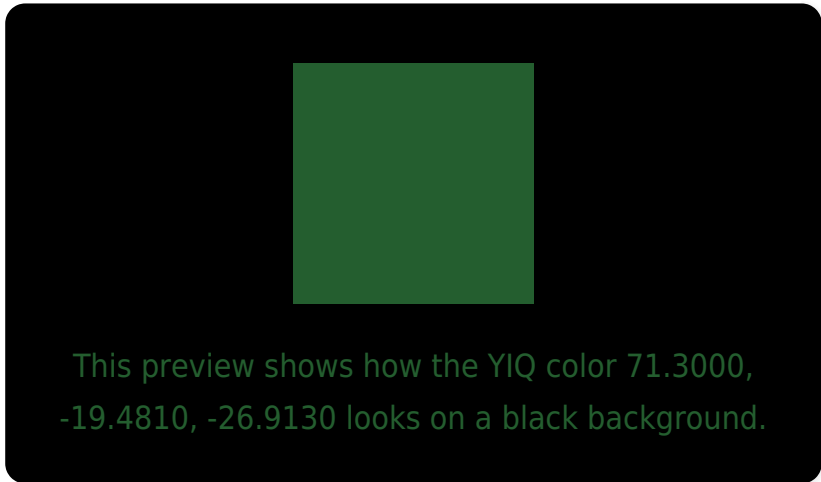
Large Text (above 18pt) WCAG AA ✓ Pass

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

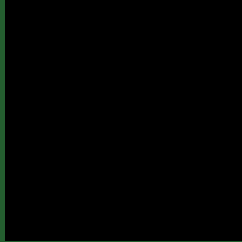
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.3000, -19.4810, -26.9130

Background



This preview shows how black text looks on a background with the YIQ color 71.3000, -19.4810, -26.9130.



This preview shows how white text looks on a background with the YIQ color 71.3000, -19.4810,

-26.9130.

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

71.3000, -19.4810, -26.9130

Protanopia

80.2450, 17.8830, -10.2210

Deuteranopia

82.0870, 21.5040, -4.2560



Tritanopia

77.8380, -26.0870, -6.3030

Trichromacy



Original Color

71.3000, -19.4810, -26.9130

Protanomaly

76.7270, 4.5420, -16.2420

Deuteranomaly

78.0310, 6.7420, -12.0580

Tritanomaly

75.4650, -23.8390, -14.0070

Monochromacy



Original Color

71.3000, -19.4810, -26.9130

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.7830, -7.0590, -9.7390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.3000, -19.4810, -26.9130 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(36, 94, 47)` looks like.

```
.text, #text, p{  
    color:rgb(36, 94, 47)  
}
```

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(36, 94, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 94, 47) }
```

Border

The CSS property to change the border of an element to YIQ 71.3000, -19.4810, -26.9130 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(36, 94, 47) }
```


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

```
.border{ border-color:rgb(36, 94, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 94, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 94, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 94, 47);  
box-shadow:4px 4px 4px 4px rgb(36, 94, 47)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.3000, -19.4810, -26.9130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 94, 47) }
```

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

```
.background{ background-color: rgb(36, 94,  
47) }
```

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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