

Converting Colors

YIQ(48.9830, -10.4980, -7.9860)

Have a look what the booklet for
YIQ(48.9830, -10.4980, -7.9860)
contains.

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Color

**YIQ(48.9830, -10.4980,
-7.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	22392F
RGB	34, 57, 47
RGB Percent	13%, 22%, 18%
CMY	0.8667, 0.7764, 0.8157
CMYK	0.40, 0.00, 0.18, 0.78
HSL	154°, 25%, 18%
HSV	154°, 40%, 22%
XYZ	2.6357, 3.4722, 3.2197
YIQ	48.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

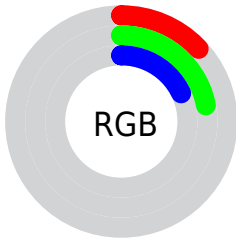
Format	Color
R_{YB}	34, 49, 57
Decimal	2242863
CIE Lab	21.84, -11.78, 3.40
CIE LCh	22, 12.260, 163.893
Yxy	3.4722, 0.2826, 0.3723
Android (android.graphics.Color)	4280432943 (0xFF22392F)
YUV	48.9830, -0.9776, -13.1401
Hunter-Lab	18.6338, -7.3609, 2.7991

Details

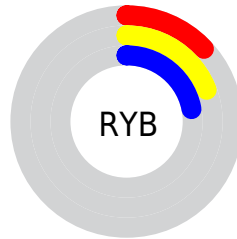
The YIQ color **48.9830, -10.4980, -7.9860** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **42.0170, 10.4980, 7.9860**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **95.2710, -11.3690, -8.7210**, and **7.0440, -3.3000, -6.2760** is the 20% darker color. If you saturate the color by 10%, you get **46.9610, -13.4320, -9.8800**, and if you desaturate by 10%, it is **51.0050, -7.5640, -6.0920**.

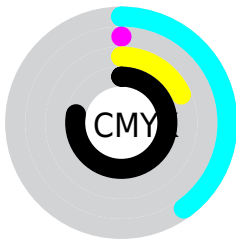
Distribution



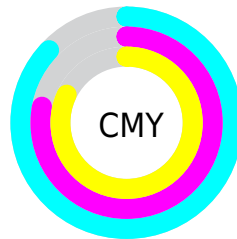
- Red (13%)
- Green (22%)
- Blue (18%)



- Red (13%)
- Yellow (19%)
- Blue (22%)



- Cyan (40%)
- Magenta (0%)
- Yellow (18%)
- Black (78%)



- Cyan (87%)
- Magenta (78%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.9830, -10.4980, -7.9860 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 48.9830, -10.4980, -7.9860 by changing the saturation by 10% instead.

■ 48.9830, -10.4980,
-7.9860

■ 48.9830, -10.4980,
-7.9860

■ 255.0000, -0.0000,
-0.0000

■ 27.3960, -10.2230,
-7.4630

■ 95.2710, -11.3690,
-8.7210

■ 7.0440, -3.3000,
-6.2760

■ 120.1570,
-11.0480, -9.0320

■ 0.0000, 0.0000,
0.0000

■ 145.8580,
-11.6440, -9.2440

■ 172.4450,
-11.9190, -9.7670

■ 200.1460,
-12.5150, -9.9790

■ 228.1460,

-12.5150, -9.9790

■ 249.6890, -9.4900,
-4.2260

■ 48.9830, -10.4980,
-7.9860

■ 48.9830, -10.4980,
-7.9860

■ 46.9610, -13.4320,
-9.8800

■ 51.0050, -7.5640,
-6.0920

■ 45.1240, -15.4490,
-11.8730

■ 52.8420, -5.5470,
-4.0990

■ 43.1020, -18.3830,
-13.7670

■ 54.8640, -2.6130,
-2.2050

■ 40.9660, -20.9960,
-15.9720

■ 57.0000, 0.0000,
0.0000

■ 38.9440, -23.9300,
-17.8660

■ 58.7230, 2.3380,
1.6820

■ 37.1070, -25.9470,
-19.8590

■ 60.8590, 4.9510,
3.8870

■ 62.8810, 7.8850,
5.7810

■ 65.0170, 10.4980,
7.9860

■ 66.7400, 12.8360,
9.6680

Harmonies

Analogous

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



50.4740, -1.6950, -7.8310



48.9830, -10.4980, -7.9860



47.6170, -18.1550, -6.8830

Triad

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



48.9830, -10.4980, -7.9860



52.5570, -8.7580, 4.5380



52.7800, 15.3590, 2.4870

Complementary

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



48.9830, -10.4980, -7.9860



42.0170, 10.4980, 7.9860

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.



53.7030, 14.2580, 5.9220



48.9830, -10.4980, -7.9860



53.8140, 0.8240, 7.0960

Square

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



48.9830, -10.4980, -7.9860



50.4310, -17.3310, 0.2130



53.6470, 8.6640, 8.1840



52.1770, 12.5630, -1.9090

Rectangle

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



48.9830, -10.4980, -7.9860



47.7030, -21.2730, -5.4410



53.6470, 8.6640, 8.1840



53.4210, 14.9920, 3.6320

Sweetspot

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



48.9830, -10.4980, -7.9860



70.8530, -4.0800, -3.1520



50.4910, -0.3650, -9.9090



36.2770, -2.3380, -1.6820



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



48.9830, -10.4980, -7.9860



61.5260, -16.6410, -12.2970



49.5360, -13.4330, -4.3530



26.9890, -1.4670, -0.9470



59.9320, -41.9920, -31.9440



142.6890, -100.0290, -75.9730

Inverse Universe

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



42.0170, 10.4980, 7.9860



50.5880, 16.3200, 12.6080



41.4640, 13.4330, 4.3530



26.0110, 1.4670, 0.9470



32.0680, 41.9920, 31.9440



76.3110, 100.0290, 75.9730

Previews

White Background



This preview shows how the YIQ color 48.9830, -10.4980, -7.9860 looks on a white background.

Color Contrast Check

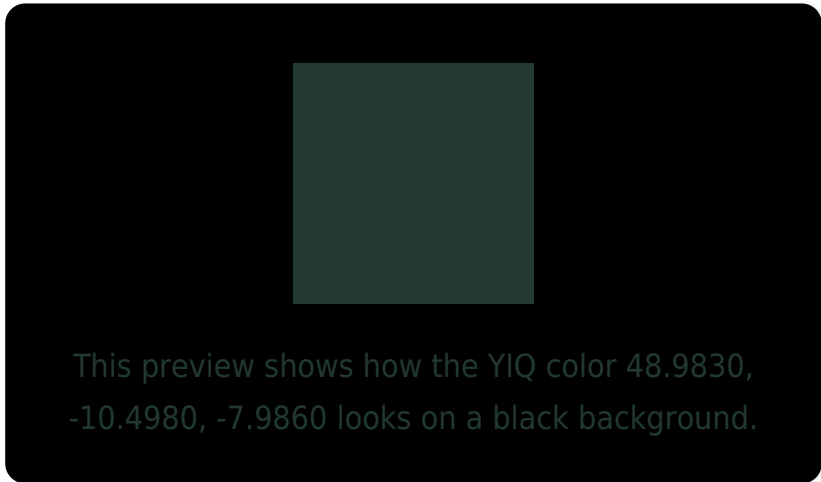
Large Text (above 18pt) WCAG AA ✓ Pass

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

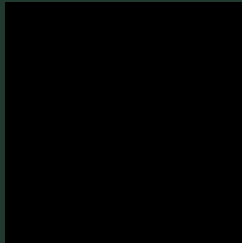
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.9830, -10.4980, -7.9860

Background



This preview shows how black text looks on a background with the YIQ color 48.9830, -10.4980, -7.9860.



This preview shows how white text looks on a background with the YIQ color 48.9830, -10.4980,

-7.9860.

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

48.9830, -10.4980, -7.9860

Protanopia

51.9850, 4.3560, -1.8520

Deuteranopia

52.4630, 6.0060, 1.2860



Tritanopia

50.1880, -12.3330, -2.2610

Trichromacy



Original Color

48.9830, -10.4980, -7.9860

Protanomaly

50.8810, -1.2830, -4.2830

Deuteranomaly

51.5330, -0.1830, -2.1910

Tritanomaly

49.9060, -11.5990, -4.5510

Monochromacy



Original Color

48.9830, -10.4980, -7.9860

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

49.1520, -3.4840, -2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.9830, -10.4980, -7.9860 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(34, 57, 47)` looks like.

```
.text, #text, p{  
    color:rgb(34, 57, 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(34, 57, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 57, 47) }
```

Border

The CSS property to change the border of an element to YIQ 48.9830, -10.4980, -7.9860 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(34, 57, 47) }
```


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

```
.border{ border-color:rgb(34, 57, 47) }
```

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

Here you see how a box with a 4 pixel rgb(34, 57, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 57, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 57, 47);  
box-shadow:4px 4px 4px 4px rgb(34, 57, 47)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.9830, -10.4980, -7.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 57, 47) }
```

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

```
.background{ background-color: rgb(34, 57,  
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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