

Converting Colors

YIQ(76.4860, -1.9690, -13.8810)

Have a look what the booklet for
YIQ(76.4860, -1.9690, -13.8810)
contains.

YIQ(76.4860, -1.9690, -13.8810)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(76.4860, -1.9690,
-13.8810)**

Conversions

Conversions Part 1

Format	Color
Hex	425637
RGB	66, 86, 55
RGB Percent	26%, 34%, 22%
CMY	0.7412, 0.6627, 0.7843
CMYK	0.23, 0.00, 0.36, 0.66
HSL	99°, 22%, 28%
HSV	99°, 36%, 34%
XYZ	6.2638, 8.0904, 4.8464
YIQ	76.4860, -1.9690, -13.8810

Conversions

Conversions Part 2

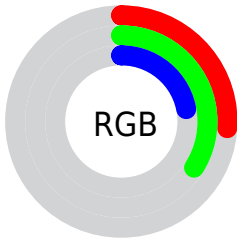
Format	Color
R_{YB}	55, 86, 75
Decimal	4347447
CIE _{Lab}	34.17, -14.29, 15.62
CIE _{LCh}	34, 21.172, 132.452
Yxy	8.0904, 0.3262, 0.4214
Android (android.graphics.Color)	4282537527 (0xFF425637)
YUV	76.4860, -10.5926, -9.1962
Hunter-Lab	28.4437, -10.4679, 9.8084

Details

The YIQ color **76.4860, -1.9690, -13.8810** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **64.5140, 1.9690, 13.8810**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.8450, -1.6020, -15.0260**, and **32.0130, -2.0150, -13.0470** is the 20% darker color. If you saturate the color by 10%, you get **73.6660, -2.6560, -17.9520**, and if you desaturate by 10%, it is **79.3060, -1.2820, -9.8100**.

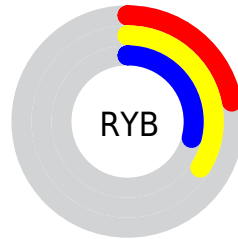
Distribution



Red (26%)

Green (34%)

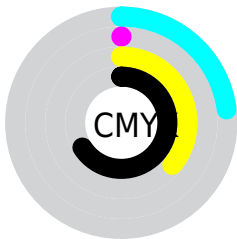
Blue (22%)



Red (22%)

Yellow (34%)

Blue (29%)

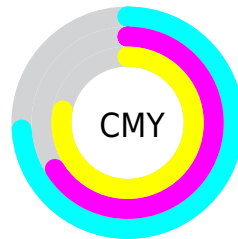


Cyan (23%)

Magenta (0%)

Yellow (36%)

Black (66%)



Cyan (74%)

Magenta (66%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.4860, -1.9690, -13.8810 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 76.4860, -1.9690, -13.8810 by changing the saturation by 10% instead.

■ 76.4860, -1.9690,
-13.8810

■ 76.4860, -1.9690,
-13.8810

■ 255.0000, -0.0000,
-0.0000

■ 53.6000, -2.2900,
-13.5700

■ 125.8450, -1.6020,
-15.0260

■ 32.0130, -2.0150,
-13.0470

■ 151.4320, -1.8770,
-15.5490

■ 12.9140, -6.0500,
-11.5060

■ 178.3180, -1.5560,
-15.8600

■ 0.0000, 0.0000,
0.0000

■ 205.9050, -1.8310,
-16.3830

■ 233.9050, -1.8310,
-16.3830

■ 251.6380, 3.7150,

-6.7570

■ 76.4860, -1.9690,
-13.8810

■ 76.4860, -1.9690,
-13.8810

■ 73.6660, -2.6560,
-17.9520

■ 79.3060, -1.2820,
-9.8100

■ 71.2590, -3.0680,
-21.5000

■ 81.7130, -0.8700,
-6.2620

■ 68.4390, -3.7550,
-25.5710

■ 84.5330, -0.1830,
-2.1910

■ 66.0320, -4.1670,
-29.1190

■ 86.9400, 0.2290,
1.3570

■ 63.2120, -4.8540,
-33.1900

■ 89.7600, 0.9160,
5.4280

■ 60.6910, -4.9450,
-37.0490

■ 92.2810, 1.0070,
9.2870

■ 59.4520, -5.7700,
-38.6180

■ 94.9870, 2.0150,
13.0470

■ 97.5080, 2.1060,
16.9060

■ 100.2140, 3.1140,
20.6660

Harmonies

Analogous

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



78.9070, 13.0230, -10.2490



76.4860, -1.9690, -13.8810



73.6780, -20.1250, -15.2370

Triad

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



76.4860, -1.9690, -13.8810



74.6230, -35.4870, -1.1430



81.5520, 25.1690, 11.9290

Complementary

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



76.4860, -1.9690, -13.8810



64.5140, 1.9690, 13.8810

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.



82.8700, 15.5860, 14.8980



76.4860, -1.9690, -13.8810



80.1740, -17.7450, 7.7190

Square

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



76.4860, -1.9690, -13.8810



68.0680, -47.4060, -10.9100



82.0300, 0.4560, 13.7680



80.5920, 27.6920, 4.7480

Rectangle

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



76.4860, -1.9690, -13.8810



70.4470, -32.5960, -14.9960



82.0300, 0.4560, 13.7680



81.9370, 22.6470, 13.5830

Sweetspot

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



76.4860, -1.9690, -13.8810



108.2400, -0.9160, -5.4280



76.0090, 12.9760, -3.8880



53.7070, -0.7330, -3.2370



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



76.4860, -1.9690, -13.8810



97.2590, -3.0680, -21.5000



73.6530, -9.8090, -14.9690



41.9460, 0.0920, -1.6680



74.1710, -6.7770, -47.9050



162.7620, -15.1570, -105.3090

Inverse Universe

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



64.5140, 1.9690, 13.8810



78.7410, 3.0680, 21.5000



67.3470, 9.8090, 14.9690



40.3530, 0.5040, 1.8800



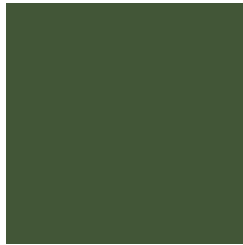
32.8290, 6.7770, 47.9050



72.2380, 15.1570, 105.3090

Previews

White Background



This preview shows how the YIQ color 76.4860, -1.9690, -13.8810 looks on a white background.

Color Contrast Check

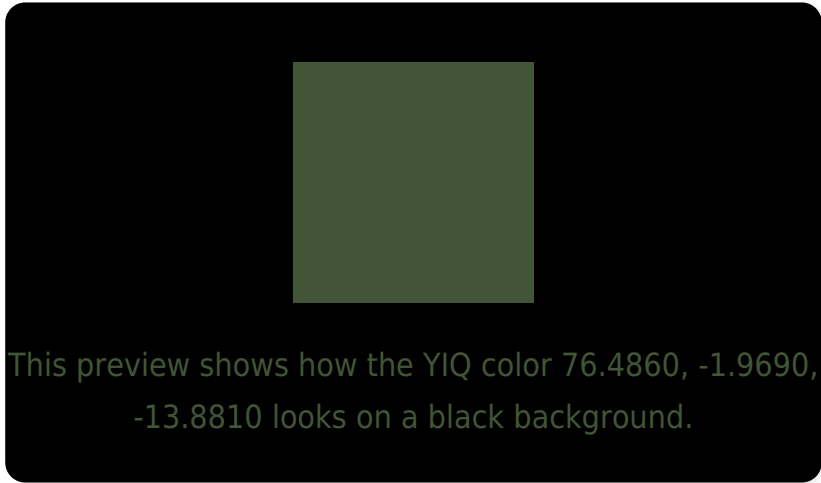
Large Text (above 18pt) WCAG AA ✓ Pass

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 76.4860, -1.9690, -13.8810

Background



This preview shows how black text looks on a background with the YIQ color 76.4860, -1.9690, -13.8810.



This preview shows how white text looks on a background with the YIQ color 76.4860, -1.9690, -13.8810.

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

76.4860, -1.9690, -13.8810

Protanopia

79.0150, 12.8390, -6.9130

Deuteranopia

80.1020, 17.1480, -2.4040



Tritanopia

79.3950, -8.4820, -0.4660

Trichromacy



Original Color

76.4860, -1.9690, -13.8810

Protanomaly

77.9110, 7.2000, -9.3440

Deuteranomaly

78.4600, 10.0880, -6.6160

Tritanomaly

78.0160, -6.0970, -5.1450

Monochromacy



Original Color

76.4860, -1.9690, -13.8810

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.2400, -0.9160, -5.4280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.4860, -1.9690, -13.8810 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(66, 86, 55)` looks like.

```
.text, #text, p{  
    color:rgb(66, 86, 55)  
}
```

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(66, 86, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 86, 55) }
```

Border

The CSS property to change the border of an element to YIQ 76.4860, -1.9690, -13.8810 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(66, 86, 55) }
```


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

```
.border{ border-color:rgb(66, 86, 55) }
```

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

Here you see how a box with a 4 pixel rgb(66, 86, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 86, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 86, 55);  
box-shadow:4px 4px 4px 4px rgb(66, 86, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.4860, -1.9690, -13.8810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 86, 55) }
```

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

```
.background{ background-color: rgb(66, 86,  
55) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor