

Converting Colors

YIQ(83.4840, -7.6550, -9.9510)

Have a look what the booklet for
YIQ(83.4840, -7.6550, -9.9510)
contains.

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Color

**YIQ(83.4840, -7.6550,
-9.9510)**

Conversions

Conversions Part 1

Format	Color
Hex	465C4B
RGB	70, 92, 75
RGB Percent	27%, 36%, 29%
CMY	0.7256, 0.6392, 0.7059
CMYK	0.24, 0.00, 0.18, 0.64
HSL	134°, 14%, 32%
HSV	134°, 24%, 36%
XYZ	7.6224, 9.4653, 8.0811
YIQ	83.4840, -7.6550, -9.9510

Conversions

Conversions Part 2

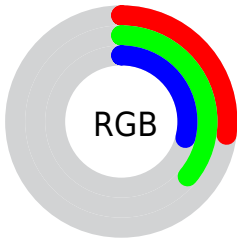
Format	Color
R_{YB}	70, 88, 92
Decimal	4611147
CIE _{Lab}	36.87, -12.25, 7.10
CIE _{LCh}	37, 14.156, 149.907
Yxy	9.4653, 0.3029, 0.3761
Android (android.graphics.Color)	4282801227 (0xFF465C4B)
YUV	83.4840, -4.1826, -11.8255
Hunter-Lab	30.7658, -9.6155, 5.9627

Details

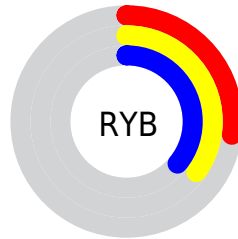
The YIQ color **83.4840, -7.6550, -9.9510** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **78.5160, 7.6550, 9.9510**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.0710, -7.9300, -10.4740**, and **38.3100, -7.1050, -8.9050** is the 20% darker color. If you saturate the color by 10%, you get **79.9950, -10.7720, -14.0360**, and if you desaturate by 10%, it is **86.9730, -4.5380, -5.8660**.

Distribution



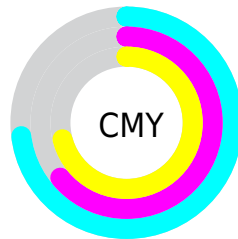
- Red (27%)
- Green (36%)
- Blue (29%)



- Red (27%)
- Yellow (35%)
- Blue (36%)



- Cyan (24%)
- Magenta (0%)
- Yellow (18%)
- Black (64%)



- Cyan (73%)
- Magenta (64%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.4840, -7.6550, -9.9510 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 83.4840, -7.6550, -9.9510 by changing the saturation by 10% instead.

■ 83.4840, -7.6550,
-9.9510

■ 83.4840, -7.6550,
-9.9510

■ 255.0000, -0.0000,
-0.0000

■ 59.8970, -7.3800,
-9.4280

■ 133.0710, -7.9300,
-10.4740

■ 38.3100, -7.1050,
-8.9050

■ 159.3590, -8.8010,
-11.2090

■ 16.3590, -8.8010,
-11.2090

■ 186.2450, -8.4800,
-11.5200

■ 0.0000, 0.0000,
0.0000

■ 213.9460, -9.0760,
-11.7320

■ 242.8320, -8.7550,
-12.0430

■ 83.4840, -7.6550,
-9.9510

■ 83.4840, -7.6550,
-9.9510

■ 79.9950, -10.7720,
-14.0360

■ 86.9730, -4.5380,
-5.8660

■ 76.5060, -13.8890,
-18.1210

■ 90.4620, -1.4210,
-1.7810

■ 72.7180, -17.6020,
-22.4180

■ 94.2500, 2.2920,
2.5160

■ 69.2290, -20.7190,
-26.5030

■ 97.7390, 5.4090,
6.6010

■ 65.6260, -23.5150,
-30.8990

■ 101.3420, 8.2050,
10.9970

■ 62.1370, -26.6320,
-34.9840

■ 104.8310, 11.3220,
15.0820

■ 58.6480, -29.7490,
-39.0690

■ 108.3200, 14.4390,
19.1670

■ 56.3980, -32.0410,

■ 112.1080, 18.1520,

-41.5850

23.4640

■ 115.5970, 21.2690,
27.5490

Harmonies

Analogous

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



84.6980, 3.4860, -8.1140



83.4840, -7.6550, -9.9510



82.0360, -18.0170, -9.3850

Triad

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



83.4840, -7.6550, -9.9510



85.9090, -15.6810, 3.3510



87.9270, 19.4390, 5.6390

Complementary

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



83.4840, -7.6550, -9.9510



78.5160, 7.6550, 9.9510

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.



88.8820, 15.3120, 8.8480



83.4840, -7.6550, -9.9510



88.0030, -4.0820, 7.9020

Square

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



83.4840, -7.6550, -9.9510



83.4410, -23.2910, -1.9070



88.3310, 6.7380, 10.0500



87.1670, 18.5230, 0.2110

Rectangle

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



83.4840, -7.6550, -9.9510



81.7520, -22.9690, -7.7450



88.3310, 6.7380, 10.0500



88.2690, 18.4760, 6.5720

Sweetspot

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



83.4840, -7.6550, -9.9510



116.5110, -3.1170, -4.0850



87.9970, 4.0820, -7.9020



59.0490, -1.6960, -2.3040



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.



83.4840, -7.6550, -9.9510



106.4570, -12.1930, -15.8170



84.7380, -11.1860, -6.5300



44.0490, -1.6960, -2.3040



67.4200, -38.2750, -49.7550



145.2750, -82.5090, -107.1570

Inverse Universe

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



78.5160, 7.6550, 9.9510



98.5430, 12.1930, 15.8170



77.2620, 11.1860, 6.5300



42.9510, 1.6960, 2.3040



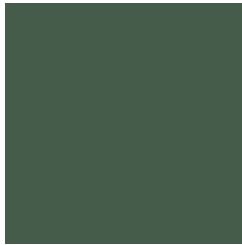
42.5800, 38.2750, 49.7550



91.7250, 82.5090, 107.1570

Previews

White Background



This preview shows how the YIQ color 83.4840, -7.6550, -9.9510 looks on a white background.

Color Contrast Check

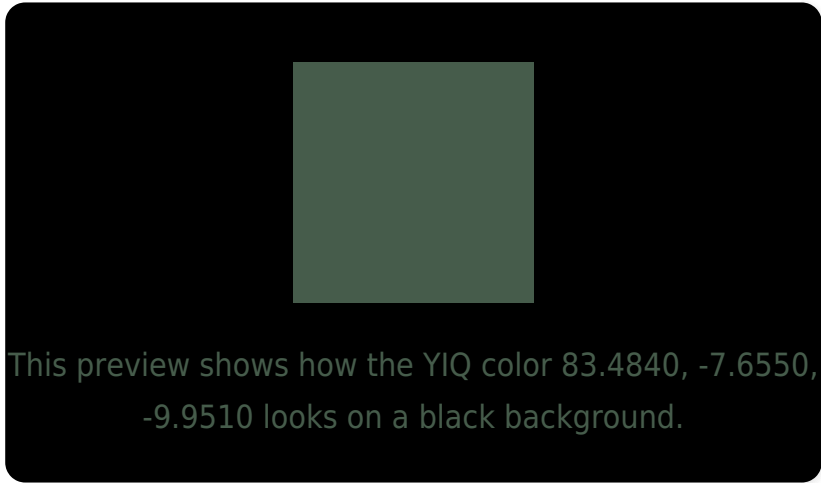
Large Text (above 18pt) WCAG AA ✓ Pass

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

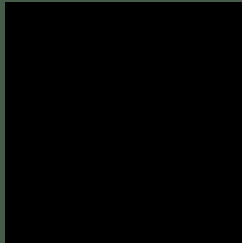
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.4840, -7.6550, -9.9510

Background



This preview shows how black text looks on a background with the YIQ color 83.4840, -7.6550, -9.9510.



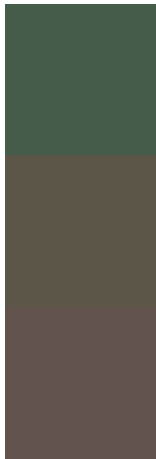
This preview shows how white text looks on a background with the YIQ color 83.4840, -7.6550, -9.9510.

-9.9510.

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

83.4840, -7.6550, -9.9510

Protanopia

85.8990, 7.4740, -3.2940

Deuteranopia

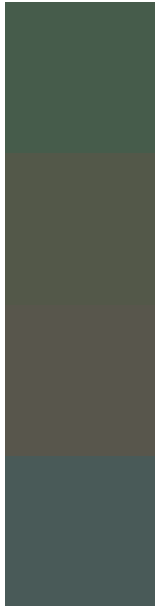
86.8010, 10.8660, 1.3140



Tritanopia

85.3130, -11.1870, -1.0030

Trichromacy



Original Color

83.4840, -7.6550, -9.9510

Protanomaly

84.7950, 1.8350, -5.7250

Deuteranomaly

85.4580, 4.4020, -2.6860

Tritanomaly

84.6890, -9.4900, -4.2260

Monochromacy



Original Color

83.4840, -7.6550, -9.9510

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.9240, -2.8420, -3.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.4840, -7.6550, -9.9510 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(70, 92, 75)` looks like.

```
.text, #text, p{  
    color:rgb(70, 92, 75)  
}
```

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(70, 92, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 92, 75) }
```

Border

The CSS property to change the border of an element to YIQ 83.4840, -7.6550, -9.9510 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(70, 92, 75) }
```


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

```
.border{ border-color:rgb(70, 92, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 92, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 92, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 92, 75);  
box-shadow:4px 4px 4px 4px rgb(70, 92, 75)  
}
```

Background

The CSS property to change the background color of an element to YIQ 83.4840, -7.6550, -9.9510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 92, 75) }
```

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

```
.background{ background-color: rgb(70, 92,  
75) }
```

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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