

Converting Colors

YIQ(74.9740, -15.4470,
-22.9270)

Have a look what the booklet for
YIQ(74.9740, -15.4470, -22.9270)
contains.

YIQ(74.9740, -15.4470, -22.9270)	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(74.9740, -15.4470,
-22.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	2E5E35
RGB	46, 94, 53
RGB Percent	18%, 37%, 21%
CMY	0.8197, 0.6313, 0.7922
CMYK	0.51, 0.00, 0.44, 0.63
HSL	129°, 34%, 27%
HSV	129°, 51%, 37%
XYZ	5.7720, 8.8460, 4.7705
YIQ	74.9740, -15.4470, -22.9270

Conversions

Conversions Part 2

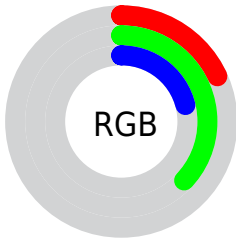
Format	Color
RYB	46, 88, 94
Decimal	3038773
CIELab	35.69, -26.25, 18.61
CIELCh	36, 32.178, 144.672
Yxy	8.8460, 0.2977, 0.4562
Android (android.graphics.Color)	4281228853 (0xFF2E5E35)
YUV	74.9740, -10.8332, -25.4102
Hunter-Lab	29.7422, -17.4075, 11.3097

Details

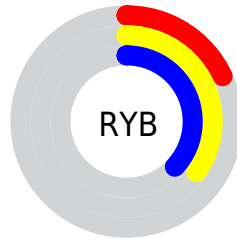
The YIQ color **74.9740, -15.4470, -22.9270** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65.0260, 15.4470, 22.9270**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **124.9200, -15.3550, -24.5950**, and **28.6150, -15.8140, -21.7820** is the 20% darker color. If you saturate the color by 10%, you get **71.3710, -18.2430, -27.3230**, and if you desaturate by 10%, it is **78.5770, -12.6510, -18.5310**.

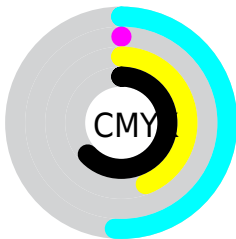
Distribution



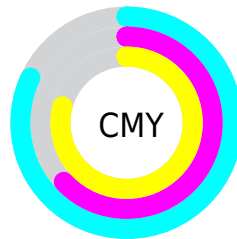
- Red (18%)
- Green (37%)
- Blue (21%)



- Red (18%)
- Yellow (35%)
- Blue (37%)



- Cyan (51%)
- Magenta (0%)
- Yellow (44%)
- Black (63%)



- Cyan (82%)
- Magenta (63%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.9740, -15.4470, -22.9270 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 74.9740, -15.4470, -22.9270 by changing the saturation by 10% instead.

■ 74.9740, -15.4470,
-22.9270

■ 74.9740, -15.4470,
-22.9270

■ 255.0000, -0.0000,
-0.0000

■ 50.9030, -16.6850,
-22.5170

■ 124.9200,
-15.3550, -24.5950

■ 28.6150, -15.8140,
-21.7820

■ 151.3930,
-15.3090, -25.4290

■ 16.4360, -7.7000,
-14.6440

■ 178.2790,
-14.9880, -25.7400

■ 0.0000, 0.0000,
0.0000

■ 205.8660,
-15.2630, -26.2630

■ 233.8660,
-15.2630, -26.2630

■ 245.4300, -7.5630,

-11.6190

■ 74.9740, -15.4470,
-22.9270

■ 74.9740, -15.4470,
-22.9270

■ 71.3710, -18.2430,
-27.3230

■ 78.5770, -12.6510,
-18.5310

■ 67.4690, -21.6350,
-31.9310

■ 82.4790, -9.2590,
-13.9230

■ 63.8660, -24.4310,
-36.3270

■ 86.0820, -6.4630,
-9.5270

■ 59.9640, -27.8230,
-40.9350

■ 89.9840, -3.0710,
-4.9190

■ 56.7740, -30.3440,
-44.8080

■ 93.5870, -0.2750,
-0.5230

■ 97.1900, 2.5210,
3.8730

■ 101.0920, 5.9130,
8.4810

■ 104.6950, 8.7090,
12.8770

■ 108.5970, 12.1010,
17.4850

Harmonies

Analogous

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



79.5550, 10.7780, -19.1260



74.9740, -15.4470, -22.9270



65.8310, -51.7130, -26.4730

Triad

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



74.9740, -15.4470, -22.9270



71.8300, -57.9990, -0.6470



83.7450, 40.8030, 14.9390

Complementary

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



74.9740, -15.4470, -22.9270



65.0260, 15.4470, 22.9270

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.



85.2250, 30.9440, 22.9120



74.9740, -15.4470, -22.9270



84.6290, -17.2880, 15.9600

Square

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



74.9740, -15.4470, -22.9270



69.4280, -65.9750, -10.2870



86.6880, 10.5870, 22.8990



82.9430, 39.7050, 1.7930

Rectangle

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



74.9740, -15.4470, -22.9270



67.8830, -57.4910, -20.8750



86.6880, 10.5870, 22.8990



84.0700, 38.5100, 17.9500

Sweetspot

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



74.9740, -15.4470, -22.9270



114.9080, -5.9130, -8.4810



86.7340, 11.8320, -16.2000



56.6850, -3.6670, -5.1310



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.



74.9740, -15.4470, -22.9270



92.6920, -23.8810, -35.2810



77.5960, -22.8300, -15.7740



44.0490, -1.6960, -2.3040



66.3940, -35.3860, -52.5540



143.1090, -76.4100, -113.0660

Inverse Universe

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



65.0260, 15.4470, 22.9270



77.3080, 23.8810, 35.2810



62.4040, 22.8300, 15.7740



42.9510, 1.6960, 2.3040



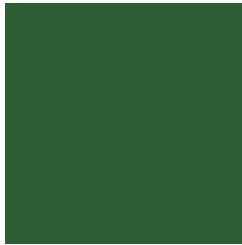
43.6060, 35.3860, 52.5540



93.8910, 76.4100, 113.0660

Previews

White Background



This preview shows how the YIQ color 74.9740, -15.4470, -22.9270 looks on a white background.

Color Contrast Check

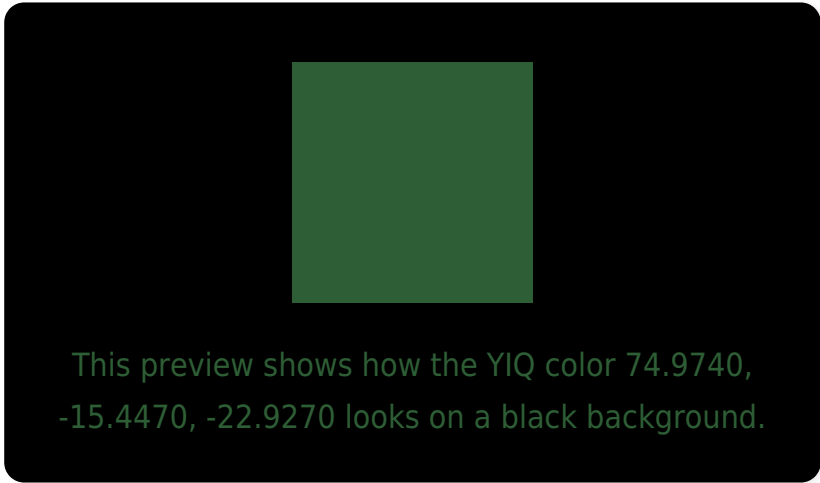
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.9740, -15.4470, -22.9270

Background



This preview shows how black text looks on a background with the YIQ color 74.9740, -15.4470, -22.9270.



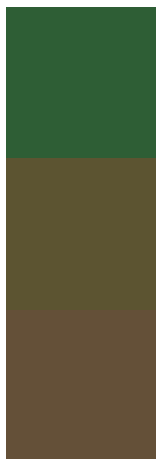
This preview shows how white text looks on a background with the YIQ color 74.9740, -15.4470,

-22.9270.

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

74.9740, -15.4470, -22.9270

Protanopia

82.4020, 16.0030, -9.1890

Deuteranopia

83.2440, 19.6240, -3.2240



Tritanopia

79.9310, -21.9150, -4.8190

Trichromacy



Original Color

74.9740, -15.4470, -22.9270

Protanomaly

79.7810, 4.4500, -14.5740

Deuteranomaly

80.0850, 6.6500, -10.3900

Tritanomaly

78.0850, -19.7130, -11.6890

Monochromacy



Original Color

74.9740, -15.4470, -22.9270

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9080, -5.9130, -8.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.9740, -15.4470, -22.9270 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(46, 94, 53)` looks like.

```
.text, #text, p{  
    color:rgb(46, 94, 53)  
}
```

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(46, 94, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 94, 53) }
```

Border

The CSS property to change the border of an element to YIQ 74.9740, -15.4470, -22.9270 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(46, 94, 53) }
```


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

```
.border{ border-color:rgb(46, 94, 53) }
```

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

Here you see how a box with a 4 pixel rgb(46, 94, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 94, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 94, 53);  
box-shadow:4px 4px 4px 4px rgb(46, 94, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.9740, -15.4470, -22.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 94, 53) }
```

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

```
.background{ background-color: rgb(46, 94,  
53) }
```

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