

Converting Colors

YIQ(71.8140, 8.8510, -11.7330)

Have a look what the booklet for
YIQ(71.8140, 8.8510, -11.7330)
contains.

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Color

**YIQ(71.8140, 8.8510,
-11.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	494D2A
RGB	73, 77, 42
RGB Percent	29%, 30%, 16%
CMY	0.7138, 0.6980, 0.8352
CMYK	0.05, 0.00, 0.45, 0.70
HSL	67°, 29%, 23%
HSV	67°, 45%, 30%
XYZ	5.8192, 6.8914, 3.2154
YIQ	71.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

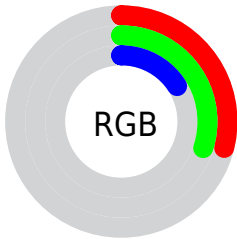
Format	Color
RYB	42, 77, 46
Decimal	4803882
CIELab	31.56, -7.93, 20.18
CIELCh	32, 21.679, 111.447
Yxy	6.8914, 0.3654, 0.4327
Android (android.graphics.Color)	4282993962 (0xFF494D2A)
YUV	71.8140, -14.6983, 1.0401
Hunter-Lab	26.2515, -6.3716, 11.1138

Details

The YIQ color **71.8140, 8.8510, -11.7330** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **47.1860, -8.8510, 11.7330**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4720, 9.8140, -12.6660**, and **28.3410, 8.8050, -10.8990** is the 20% darker color. If you saturate the color by 10%, you get **70.6030, 10.8230, -14.4330**, and if you desaturate by 10%, it is **73.0250, 6.8790, -9.0330**.

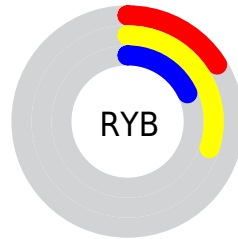
Distribution



Red (29%)

Green (30%)

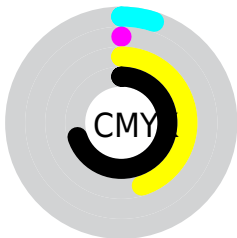
Blue (16%)



Red (16%)

Yellow (30%)

Blue (18%)

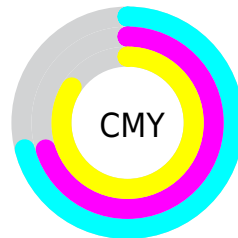


Cyan (5%)

Magenta (0%)

Yellow (45%)

Black (70%)



Cyan (71%)

Magenta (70%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.8140, 8.8510, -11.7330 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 71.8140, 8.8510, -11.7330 by changing the saturation by 10% instead.

71.8140, 8.8510,
-11.7330

71.8140, 8.8510,
-11.7330

255.0000, -0.0000,
-0.0000

49.0420, 8.2090,
-11.1110

120.4720, 9.8140,
-12.6660

28.3410, 8.8050,
-10.8990

146.3580, 10.1350,
-12.9770

6.4570, -3.0250,
-5.7530

172.5430, 11.0520,
-13.0760

0.0000, 0.0000,
0.0000

200.4290, 11.3730,
-13.3870

228.3150, 11.6940,
-13.6980

251.0100, 11.2350,

-10.8850

254.2020, 2.2470,
-2.1770

71.8140, 8.8510,
-11.7330

71.8140, 8.8510,
-11.7330

70.6030, 10.8230,
-14.4330

73.0250, 6.8790,
-9.0330

69.5060, 12.4740,
-16.8220

74.1220, 5.2280,
-6.6440

68.2950, 14.4460,
-19.5220

75.3330, 3.2560,
-3.9440

67.0840, 16.4180,
-22.2220

76.5440, 1.2840,
-1.2440

66.2860, 18.6650,
-24.3990

77.4560, -1.2840,
1.2440

■ 65.5310, 19.3530,
-25.8550

■ 78.5530, -2.9350,
3.6330

■ 79.7640, -4.9070,
6.3330

■ 80.9750, -6.8790,
9.0330

■ 82.0720, -8.5300,
11.4220

Harmonies

Analogous

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



73.8480, 20.6790, -5.8250



71.8140, 8.8510, -11.7330



69.4360, -7.7000, -14.6440

Triad

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



71.8140, 8.8510, -11.7330



60.1430, -51.9910, -10.4150



76.0230, 19.5290, 15.0250

Complementary

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



71.8140, 8.8510, -11.7330



47.1860, -8.8510, 11.7330

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.



76.3080, 5.5450, 15.1530



71.8140, 8.8510, -11.7330



69.4710, -32.0030, 1.7970

Square

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



71.8140, 8.8510, -11.7330



58.8240, -49.8350, -16.4510



74.9790, -12.7020, 9.9380



75.5690, 26.4990, 9.8510

Rectangle

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



71.8140, 8.8510, -11.7330



67.5640, -19.8040, -15.5480



74.9790, -12.7020, 9.9380



76.2830, 15.8610, 15.4210

Sweetspot

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



71.8140, 8.8510, -11.7330



97.2190, 3.5770, -4.2550



54.8130, 19.7600, 5.3280



49.6750, 2.2930, -3.0110



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



71.8140, 8.8510, -11.7330



91.0500, 13.7580, -18.0660



66.7310, -1.2810, -15.3370



37.5440, 1.2840, -1.2440



86.7840, 25.5900, -34.2660



195.7070, 57.7380, -77.2540

Inverse Universe

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



47.1860, -8.8510, 11.7330



52.9500, -13.7580, 18.0660



52.2690, 1.2810, 15.3370



34.7550, -0.6880, 1.4560



15.2160, -25.5900, 34.2660



33.9940, -58.3340, 77.0420

Previews

White Background



This preview shows how the YIQ color 71.8140, 8.8510, -11.7330 looks on a white background.

Color Contrast Check

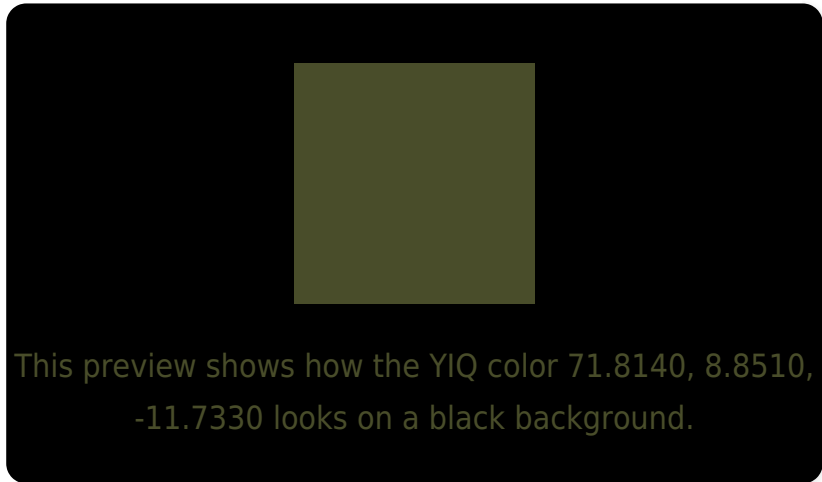
Large Text (above 18pt) WCAG AA ✓ Pass

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

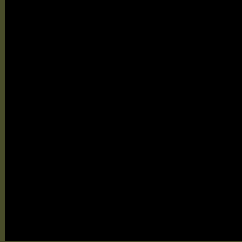
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.8140, 8.8510, -11.7330

Background



This preview shows how black text looks on a background with the YIQ color 71.8140, 8.8510, -11.7330.

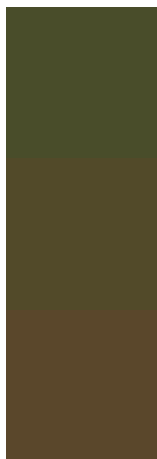


This preview shows how white text looks on a background with the YIQ color 71.8140, 8.8510,

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

71.8140, 8.8510, -11.7330

Protanopia

72.6300, 15.3610, -8.5670

Deuteranopia

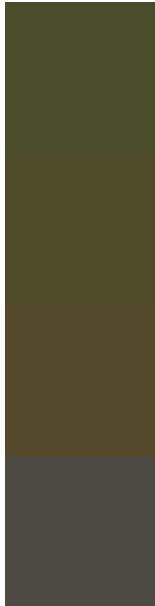
73.4890, 20.3120, -4.6800



Tritanopia

74.8800, 0.4580, 2.7140

Trichromacy



Original Color

71.8140, 8.8510, -11.7330

Protanomaly

72.3200, 13.2980, -9.7260

Deuteranomaly

72.8690, 16.1860, -6.9980

Tritanomaly

73.6860, 3.7600, -2.0640

Monochromacy



Original Color

71.8140, 8.8510, -11.7330

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.9200, 2.9810, -4.4670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.8140, 8.8510, -11.7330 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(73, 77, 42)` looks like.

```
.text, #text, p{  
    color:rgb(73, 77, 42)  
}
```

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(73, 77, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 77, 42) }
```

Border

The CSS property to change the border of an element to YIQ 71.8140, 8.8510, -11.7330 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(73, 77, 42) }
```


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

```
.border{ border-color:rgb(73, 77, 42) }
```

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

Here you see how a box with a 4 pixel rgb(73, 77, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 77, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 77, 42);  
box-shadow:4px 4px 4px 4px rgb(73, 77, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.8140, 8.8510, -11.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 77, 42) }
```

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

```
.background{ background-color: rgb(73, 77,  
42) }
```

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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