

Converting Colors

YIQ(74.3590, 8.3940, -19.9740)

Have a look what the booklet for
YIQ(74.3590, 8.3940, -19.9740)
contains.

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Color

**YIQ(74.3590, 8.3940,
-19.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	46551F
RGB	70, 85, 31
RGB Percent	27%, 33%, 12%
CMY	0.7256, 0.6666, 0.8784
CMYK	0.18, 0.00, 0.64, 0.67
HSL	77°, 47%, 23%
HSV	77°, 64%, 33%
XYZ	6.0211, 7.8984, 2.5049
YIQ	74.3590, 8.3940, -19.9740

Conversions

Conversions Part 2

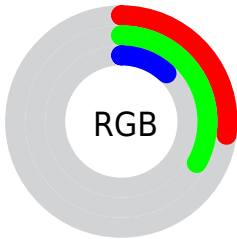
Format	Color
RYB	31, 85, 46
Decimal	4609311
CIELab	33.77, -15.21, 28.93
CIELCh	34, 32.684, 117.732
Yxy	7.8984, 0.3666, 0.4809
Android (android.graphics.Color)	4282799391 (0xFF46551F)
YUV	74.3590, -21.3760, -3.8228
Hunter-Lab	28.1042, -10.9402, 14.3885

Details

The YIQ color **74.3590, 8.3940, -19.9740** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41.6410, -8.3940, 19.9740**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.9030, 9.6780, -21.2180**, and **30.9550, 3.9000, -15.6200** is the 20% darker color. If you saturate the color by 10%, you get **72.8490, 9.7700, -22.8860**, and if you desaturate by 10%, it is **75.9830, 6.6970, -16.7510**.

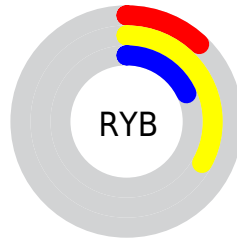
Distribution



Red (27%)

Green (33%)

Blue (12%)



Red (12%)

Yellow (33%)

Blue (18%)

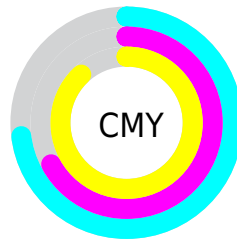


Cyan (18%)

Magenta (0%)

Yellow (64%)

Black (67%)



Cyan (73%)

Magenta (67%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.3590, 8.3940, -19.9740 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 74.3590, 8.3940, -19.9740 by changing the saturation by 10% instead.

■ 74.3590, 8.3940,
-19.9740

■ 74.3590, 8.3940,
-19.9740

■ 255.0000, -0.0000,
-0.0000

■ 51.0600, 7.7980,
-20.1860

■ 123.9030, 9.6780,
-21.2180

■ 30.9550, 3.9000,
-15.6200

■ 149.7890, 9.9990,
-21.5290

■ 12.3270, -5.7750,
-10.9830

■ 176.5610, 10.6410,
-22.1510

■ 0.0000, 0.0000,
0.0000

■ 204.4470, 10.9620,
-22.4620

■ 232.3330, 11.2830,
-22.7730

■ 249.7560, 14.7660,

-14.3060

252.9480, 5.7780,
-5.5980

74.3590, 8.3940,
-19.9740

74.3590, 8.3940,
-19.9740

72.8490, 9.7700,
-22.8860

75.9830, 6.6970,
-16.7510

70.9260, 10.8710,
-26.3210

77.7920, 5.9170,
-13.6270

69.4160, 12.2470,
-29.2330

79.4160, 4.2200,
-10.4040

68.1340, 12.9810,
-31.5230

80.9260, 2.8440,
-7.4920

82.8490, 1.7430,
-4.0570

■ 84.3590, 0.3670,
-1.1450

■ 86.2820, -0.7340,
2.2900

■ 87.7920, -2.1100,
5.2020

■ 89.4160, -3.8070,
8.4250

Harmonies

Analogous

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



76.7530, 28.0160, -12.1440



74.3590, 8.3940, -19.9740



69.4080, -19.6650, -23.5770

Triad

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



74.3590, 8.3940, -19.9740



66.2650, -63.9580, -8.2940



80.1820, 32.5030, 22.1910

Complementary

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



74.3590, 8.3940, -19.9740



41.6410, -8.3940, 19.9740

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.



81.7700, 13.2920, 23.4360



74.3590, 8.3940, -19.9740



68.1400, -55.9360, 0.5120

Square

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



74.3590, 8.3940, -19.9740



65.7460, -58.3630, -16.0830



80.1240, -14.3080, 17.0200



78.8050, 40.5740, 13.5820

Rectangle

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



74.3590, 8.3940, -19.9740



61.7560, -47.1280, -26.9680



80.1240, -14.3080, 17.0200



80.8980, 27.5510, 23.8310

Sweetspot

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



74.3590, 8.3940, -19.9740



105.8120, 3.1650, -7.8030



55.3640, 28.3340, 4.1260



53.6210, 2.3850, -4.6790



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.



74.3590, 8.3940, -19.9740



93.2480, 12.6600, -31.2120



66.5850, -7.1020, -25.4860



42.2450, 0.6880, -1.4560



85.8320, 16.4670, -39.6370



188.4760, 36.0990, -87.0770

Inverse Universe

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



41.6410, -8.3940, 19.9740



42.7520, -12.6600, 31.2120



49.4150, 7.1020, 25.4860



39.7550, -0.6880, 1.4560



21.1680, -16.4670, 39.6370



46.2250, -36.6950, 86.8650

Previews

White Background



This preview shows how the YIQ color 74.3590, 8.3940, -19.9740 looks on a white background.

Color Contrast Check

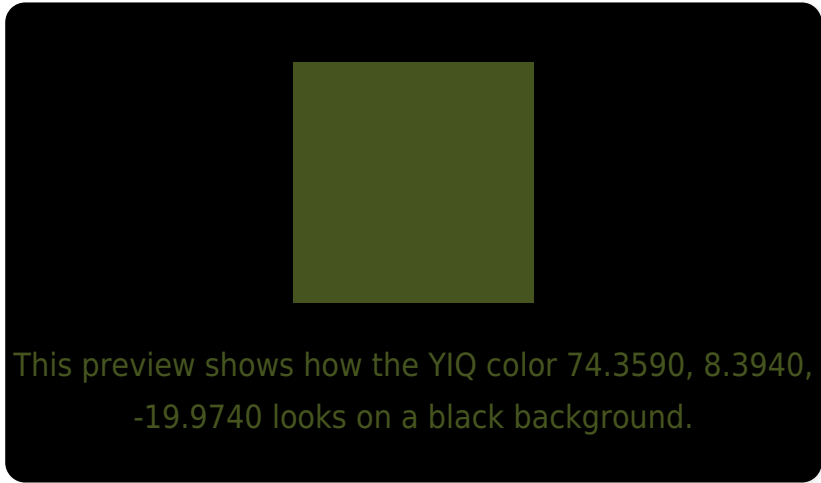
Large Text (above 18pt) WCAG AA ✓ Pass

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

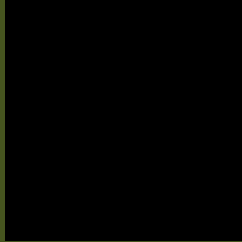
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.3590, 8.3940, -19.9740

Background



This preview shows how black text looks on a background with the YIQ color 74.3590, 8.3940, -19.9740.



This preview shows how white text looks on a background with the YIQ color 74.3590, 8.3940,

-19.9740.

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

74.3590, 8.3940, -19.9740

Protanopia

76.2900, 22.0100, -13.4300

Deuteranopia

77.2030, 26.8690, -7.8750



Tritanopia

79.4880, -4.3100, 1.0180

Trichromacy



Original Color

74.3590, 8.3940, -19.9740

Protanomaly

75.4850, 16.9670, -15.6490

Deuteranomaly

76.4470, 20.1300, -12.3980

Tritanomaly

77.7840, 0.3680, -6.6720

Monochromacy



Original Color

74.3590, 8.3940, -19.9740

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.2250, 3.4400, -7.2800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.3590, 8.3940, -19.9740 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, 85, 31)` looks like.

```
.text, #text, p{  
    color:rgb(70, 85, 31)  
}
```

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, 85, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 85, 31) }
```

Border

The CSS property to change the border of an element to YIQ 74.3590, 8.3940, -19.9740 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, 85, 31) }
```


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

```
.border{ border-color:rgb(70, 85, 31) }
```

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

Here you see how a box with a 4 pixel rgb(70, 85, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 85, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 85, 31);  
box-shadow:4px 4px 4px 4px rgb(70, 85, 31)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.3590, 8.3940, -19.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 85, 31) }
```

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

```
.background{ background-color: rgb(70, 85,  
31) }
```

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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