

Converting Colors

YIQ(73.9900, 13.9870, -16.7090)

Have a look what the booklet for
YIQ(73.9900, 13.9870, -16.7090)
contains.

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Color

**YIQ(73.9900, 13.9870,
-16.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	4D511E
RGB	77, 81, 30
RGB Percent	30%, 32%, 12%
CMY	0.6981, 0.6823, 0.8823
CMYK	0.05, 0.00, 0.63, 0.68
HSL	65°, 46%, 22%
HSV	65°, 63%, 32%
XYZ	6.2369, 7.5563, 2.3597
YIQ	73.9900, 13.9870, -16.7090

Conversions

Conversions Part 2

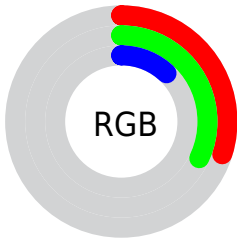
Format	Color
RYB	30, 81, 34
Decimal	5067038
CIELab	33.04, -9.71, 28.79
CIELCh	33, 30.387, 108.639
Yxy	7.5563, 0.3861, 0.4678
Android (android.graphics.Color)	4283257118 (0xFF4D511E)
YUV	73.9900, -21.6871, 2.6398
Hunter-Lab	27.4887, -7.6054, 14.1525

Details

The YIQ color **73.9900, 13.9870, -16.7090** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **37.0100, -13.9870, 16.7090**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9470, 15.5460, -17.4300**, and **30.9880, 8.3010, -12.7790** is the 20% darker color. If you saturate the color by 10%, you get **72.7790, 15.9590, -19.4090**, and if you desaturate by 10%, it is **75.2010, 12.0150, -14.0090**.

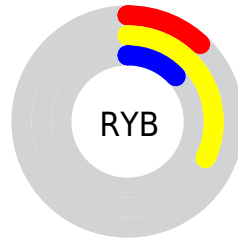
Distribution



Red (30%)

Green (32%)

Blue (12%)



Red (12%)

Yellow (32%)

Blue (13%)

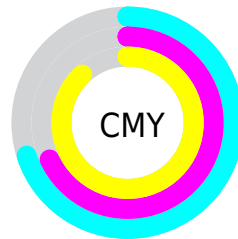


Cyan (5%)

Magenta (0%)

Yellow (63%)

Black (68%)



Cyan (70%)

Magenta (68%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.9900, 13.9870, -16.7090 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 73.9900, 13.9870, -16.7090 by changing the saturation by 10% instead.

■ 73.9900, 13.9870,
-16.7090

■ 73.9900, 13.9870,
-16.7090

■ 255.0000, -0.0000,
-0.0000

■ 50.6910, 13.3910,
-16.9210

■ 122.9470, 15.5460,
-17.4300

■ 30.9880, 8.3010,
-12.7790

■ 149.1320, 16.4630,
-17.5290

■ 9.9790, -4.6750,
-8.8910

■ 175.9040, 17.1050,
-18.1510

■ 0.0000, 0.0000,
0.0000

■ 203.6760, 17.7470,
-18.7730

■ 231.8610, 18.6640,
-18.8720

■ 249.5280, 15.4080,

-14.9280

252.7200, 6.4200,
-6.2200

73.9900, 13.9870,
-16.7090

73.9900, 13.9870,
-16.7090

72.7790, 15.9590,
-19.4090

75.2010, 12.0150,
-14.0090

71.8670, 18.5270,
-21.8970

76.1130, 9.4470,
-11.5210

70.6560, 20.4990,
-24.5970

77.3240, 7.4750,
-8.8210

69.9720, 22.4250,
-26.4630

78.5350, 5.5030,
-6.1210

79.5610, 2.6140,
-3.3220

■ 80.7720, 0.6420,
-0.6220

■ 81.6840, -1.9260,
1.8660

■ 82.8950, -3.8980,
4.5660

■ 84.1060, -5.8700,
7.2660

Harmonies

Analogous

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



75.7580, 29.6200, -8.1720



73.9900, 13.9870, -16.7090



70.2630, -8.8910, -20.5950

Triad

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



73.9900, 13.9870, -16.7090



64.5380, -60.4730, -10.8810



79.0610, 25.5340, 21.8380

Complementary

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



73.9900, 13.9870, -16.7090



37.0100, -13.9870, 16.7090

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.



79.9970, 5.2230, 20.9910



73.9900, 13.9870, -16.7090



62.9710, -62.9500, -4.5340

Square

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



73.9900, 13.9870, -16.7090



63.3180, -54.2820, -18.4580



77.1830, -21.9640, 12.5960



78.1190, 36.8140, 15.6460

Rectangle

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



73.9900, 13.9870, -16.7090



65.5470, -30.3020, -23.5340



77.1830, -21.9640, 12.5960



79.9510, 20.0320, 22.4320

Sweetspot

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



73.9900, 13.9870, -16.7090



102.1220, 5.2280, -6.6440



47.0100, 29.5710, 9.2430



52.2190, 3.5770, -4.2550



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



73.9900, 13.9870, -16.7090



93.7870, 21.5080, -26.3640



66.5150, -0.9130, -22.0090



40.2450, 0.6880, -1.4560



90.3390, 28.3410, -34.5630



200.1700, 63.7440, -75.9680

Inverse Universe

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



37.0100, -13.9870, 16.7090



35.9140, -22.1040, 26.1520



44.4850, 0.9130, 22.0090



37.4560, -1.2840, 1.2440



14.3620, -28.9370, 34.3510



31.8300, -63.7440, 75.9680

Previews

White Background



This preview shows how the YIQ color 73.9900, 13.9870, -16.7090 looks on a white background.

Color Contrast Check

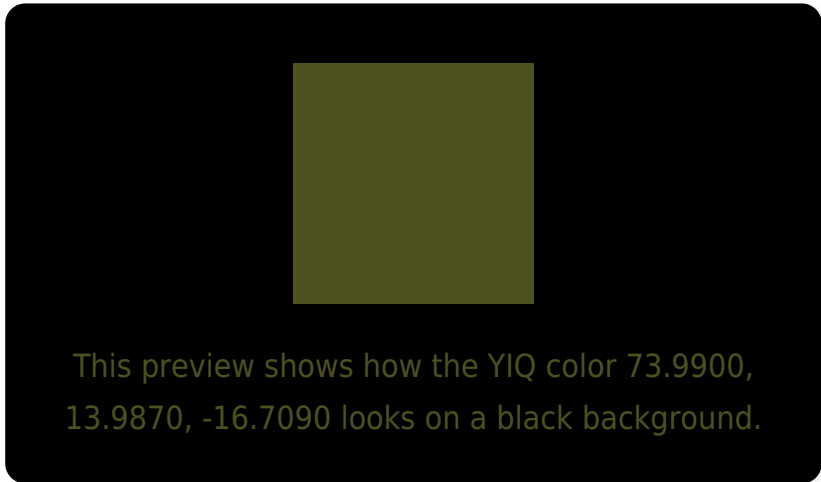
Large Text (above 18pt) WCAG AA ✓ Pass

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

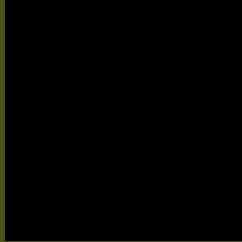
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.9900, 13.9870, -16.7090

Background



This preview shows how black text looks on a background with the YIQ color 73.9900, 13.9870, -16.7090.



This preview shows how white text looks on a background with the YIQ color 73.9900, 13.9870, -16.7090.

-16.7090.

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

73.9900, 13.9870, -16.7090

Protanopia

75.1050, 21.0930, -13.3310

Deuteranopia

76.0890, 27.1900, -8.1860



Tritanopia

78.4780, 1.6500, 3.1380

Trichromacy



Original Color

73.9900, 13.9870, -16.7090

Protanomaly

74.4960, 18.4340, -14.7020

Deuteranomaly

75.6430, 22.5140, -11.5500

Tritanomaly

76.8880, 6.0070, -4.2410

Monochromacy



Original Color

73.9900, 13.9870, -16.7090

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.2360, 4.9070, -6.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.9900, 13.9870, -16.7090 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(77, 81, 30)` looks like.

```
.text, #text, p{  
    color:rgb(77, 81, 30)  
}
```

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(77, 81, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 81, 30) }
```

Border

The CSS property to change the border of an element to YIQ 73.9900, 13.9870, -16.7090 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(77, 81, 30) }
```


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

```
.border{ border-color:rgb(77, 81, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 81, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 81, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 81, 30);  
box-shadow:4px 4px 4px 4px rgb(77, 81, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 73.9900, 13.9870, -16.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 81, 30) }
```

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

```
.background{ background-color: rgb(77, 81,  
30) }
```

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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