

Converting Colors

YIQ(71.3180, 33.9750, -4.4970)

Have a look what the booklet for
YIQ(71.3180, 33.9750, -4.4970)
contains.

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Color

**YIQ(71.3180, 33.9750,
-4.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	65411A
RGB	101, 65, 26
RGB Percent	40%, 25%, 10%
CMY	0.6039, 0.7451, 0.8979
CMYK	0.00, 0.36, 0.74, 0.60
HSL	31°, 59%, 25%
HSV	31°, 74%, 40%
XYZ	7.4449, 6.6212, 1.8654
YIQ	71.3180, 33.9750, -4.4970

Conversions

Conversions Part 2

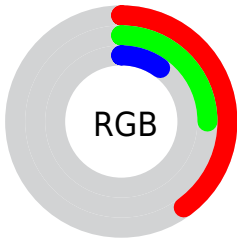
Format	Color
RYB	95, 101, 26
Decimal	6635802
CIELab	30.93, 11.65, 29.35
CIELCh	31, 31.582, 68.345
Yxy	6.6212, 0.4673, 0.4156
Android (android.graphics.Color)	4284825882 (0xFF65411A)
YUV	71.3180, -22.3418, 26.0311
Hunter-Lab	25.7317, 6.6146, 13.7141

Details

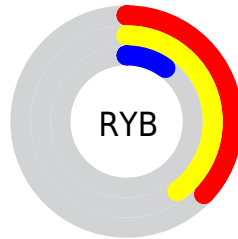
The YIQ color **71.3180, 33.9750, -4.4970** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **55.6820, -33.9750, 4.4970**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7700, 38.5140, -4.1580**, and **27.8640, 23.7500, -0.9060** is the 20% darker color. If you saturate the color by 10%, you get **67.2430, 38.5600, -4.9920**, and if you desaturate by 10%, it is **75.3930, 29.3900, -4.0020**.

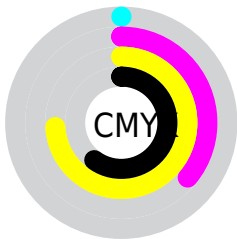
Distribution



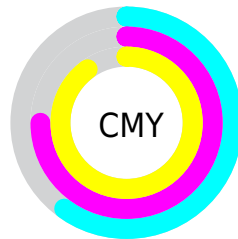
- Red (40%)
- Green (25%)
- Blue (10%)



- Red (37%)
- Yellow (40%)
- Blue (10%)



- Cyan (0%)
- Magenta (36%)
- Yellow (74%)
- Black (60%)



- Cyan (60%)
- Magenta (75%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.3180, 33.9750, -4.4970 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 71.3180, 33.9750, -4.4970 by changing the saturation by 10% instead.

■ 71.3180, 33.9750,
-4.4970

■ 71.3180, 33.9750,
-4.4970

■ 255.0000, -0.0000,
-0.0000

■ 47.8940, 32.2330,
-5.9670

■ 120.8840, 38.1930,
-3.8470

■ 27.8640, 23.7500,
-0.9060

■ 146.6670, 40.3020,
-3.5220

■ 8.0730, 16.0920,
5.7240

■ 174.0370, 42.1360,
-3.7200

■ 0.0000, 0.0000,
0.0000

■ 201.5210, 43.6490,
-3.6070

■ 225.2210, 35.6260,
-6.8860

■ 244.7350, 19.2590,

-13.1330

■ 252.0360, 8.3460,
-8.0860

■ 71.3180, 33.9750,
-4.4970

■ 71.3180, 33.9750,
-4.4970

■ 67.2430, 38.5600,
-4.9920

■ 75.3930, 29.3900,
-4.0020

■ 63.1680, 43.1450,
-5.4870

■ 79.4680, 24.8050,
-3.5070

■ 60.7230, 45.8960,
-5.7840

■ 83.5430, 20.2200,
-3.0120

■ 87.0310, 15.9100,
-1.9940

■ 91.2200, 11.0040,
-1.1880

■ 95.2950, 6.4190,
-0.6930

■ 99.3700, 1.8340,
-0.1980

■ 103.4450, -2.7510,
0.2970

■ 107.5200, -7.3360,
0.7920

Harmonies

Analogous

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



72.1590, 39.3370, 8.4650



71.3180, 33.9750, -4.4970



69.7520, 20.5890, -15.2110

Triad

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



71.3180, 33.9750, -4.4970



58.9010, -48.7340, -19.8860



74.5660, -3.8090, 19.4790

Complementary

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



71.3180, 33.9750, -4.4970



55.6820, -33.9750, 4.4970

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.



68.4200, -35.9930, 8.0310



71.3180, 33.9750, -4.4970



61.0500, -56.1630, -11.8990

Square

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



71.3180, 33.9750, -4.4970



58.4540, -34.4740, -25.0180



60.4120, -59.8780, -5.1420



74.4780, 19.9860, 23.2660

Rectangle

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



71.3180, 33.9750, -4.4970



67.7010, 7.4310, -19.0410



60.4120, -59.8780, -5.1420



73.7820, -13.3450, 16.0870

Sweetspot

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



71.3180, 33.9750, -4.4970



118.4760, 13.1590, -1.6970



52.5290, 33.1440, 27.0960



59.3660, 7.6570, -1.1030



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



71.3180, 33.9750, -4.4970



83.9040, 52.6360, -6.7880



92.1510, 23.4790, -23.5370



49.2560, 2.1550, -0.5090



69.6050, 52.0400, -7.0000



146.3200, 109.5820, -14.5940

Inverse Universe

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



55.6820, -33.9750, 4.4970



60.0960, -52.6360, 6.7880



34.8490, -23.4790, 23.5370



47.7440, -2.1550, 0.5090



45.3950, -52.0400, 7.0000



95.6800, -109.5820, 14.5940

Previews

White Background



This preview shows how the YIQ color 71.3180, 33.9750, -4.4970 looks on a white background.

Color Contrast Check

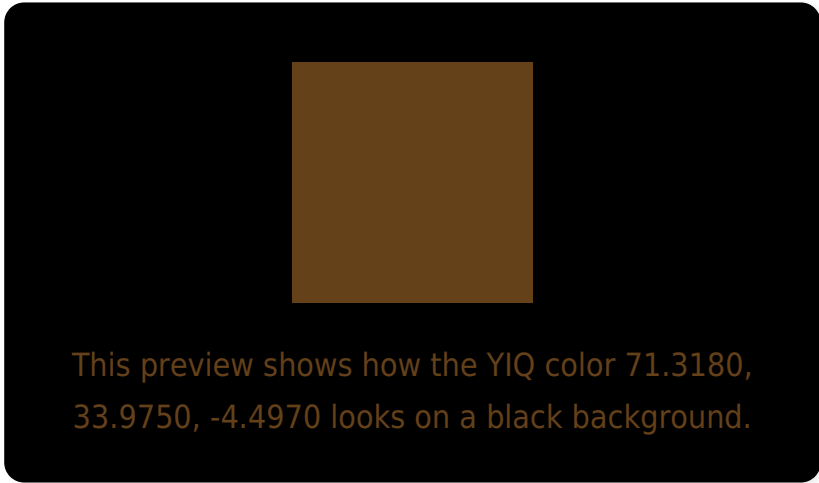
Large Text (above 18pt) WCAG AA ✓ Pass

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

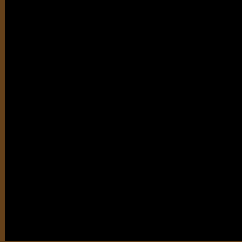
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.3180, 33.9750, -4.4970

Background



This preview shows how black text looks on a background with the YIQ color 71.3180, 33.9750, -4.4970.



This preview shows how white text looks on a background with the YIQ color 71.3180, 33.9750,

-4.4970.

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

71.3180, 33.9750, -4.4970

Protanopia

70.5610, 19.8090, -12.0870

Deuteranopia

71.4480, 27.5570, -9.3310



Tritanopia

74.0140, 23.7480, 10.1480

Trichromacy



Original Color

71.3180, 33.9750, -4.4970

Protanomaly

70.7790, 25.1270, -9.3450

Deuteranomaly

71.1710, 29.8950, -7.6490

Tritanomaly

72.7060, 27.3710, 5.0590

Monochromacy



Original Color

71.3180, 33.9750, -4.4970

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.2910, 12.2420, -1.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.3180, 33.9750, -4.4970 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(101, 65, 26)` looks like.

```
.text, #text, p{  
    color:rgb(101, 65, 26)  
}
```

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(101, 65, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 65, 26) }
```

Border

The CSS property to change the border of an element to YIQ 71.3180, 33.9750, -4.4970 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(101, 65, 26) }
```


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

```
.border{ border-color:rgb(101, 65, 26) }
```

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

Here you see how a box with a 4 pixel rgb(101, 65, 26) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 65, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 65, 26);  
box-shadow:4px 4px 4px 4px rgb(101, 65,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 71.3180, 33.9750, -4.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 65, 26) }
```

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

```
.background{ background-color: rgb(101, 65,  
26) }
```

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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