

Converting Colors

YIQ(74.9410, 24.8510, -4.3410)

Have a look what the booklet for
YIQ(74.9410, 24.8510, -4.3410)
contains.

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Color

**YIQ(74.9410, 24.8510,
-4.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	604728
RGB	96, 71, 40
RGB Percent	38%, 28%, 16%
CMY	0.6235, 0.7216, 0.8430
CMYK	0.00, 0.26, 0.58, 0.62
HSL	33°, 41%, 27%
HSV	33°, 58%, 38%
XYZ	7.4610, 7.1459, 2.9963
YIQ	74.9410, 24.8510, -4.3410

Conversions

Conversions Part 2

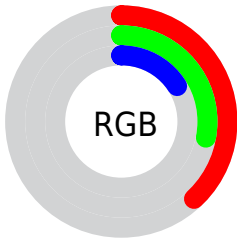
Format	Color
RYB	85, 96, 40
Decimal	6309672
CIELab	32.14, 6.60, 22.61
CIELCh	32, 23.556, 73.726
Yxy	7.1459, 0.4238, 0.4059
Android (android.graphics.Color)	4284499752 (0xFF604728)
YUV	74.9410, -17.2259, 18.4687
Hunter-Lab	26.7318, 3.0400, 12.0665

Details

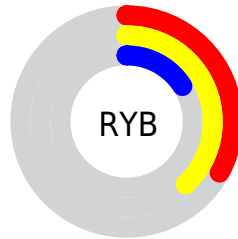
The YIQ color **74.9410, 24.8510, -4.3410** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **61.0590, -24.8510, 4.3410**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.9090, 27.8770, -4.1150**, and **30.7880, 20.9080, -4.4680** is the 20% darker color. If you saturate the color by 10%, you get **71.4530, 29.1610, -5.3590**, and if you desaturate by 10%, it is **78.4290, 20.5410, -3.3230**.

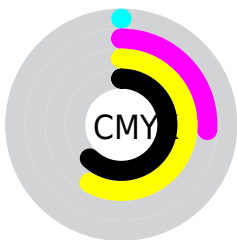
Distribution



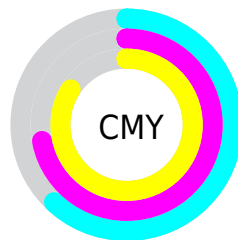
- Red (38%)
- Green (28%)
- Blue (16%)



- Red (33%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (26%)
- Yellow (58%)
- Black (62%)



- Cyan (62%)
- Magenta (72%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.9410, 24.8510, -4.3410 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 74.9410, 24.8510, -4.3410 by changing the saturation by 10% instead.

■ 74.9410, 24.8510,
-4.3410

■ 74.9410, 24.8510,
-4.3410

■ 255.0000, -0.0000,
-0.0000

■ 52.1580, 22.7420,
-4.6660

■ 123.9090, 27.8770,
-4.1150

■ 30.7880, 20.9080,
-4.4680

■ 150.3930, 29.3900,
-4.0020

■ 8.3500, 13.7540,
4.0420

■ 176.8770, 30.9030,
-3.8890

■ 0.0000, 0.0000,
0.0000

■ 204.6490, 31.5450,
-4.5110

■ 231.1540, 28.5650,
-5.5710

■ 250.6680, 12.1980,

-11.8180

253.9740, 2.8890,
-2.7990

74.9410, 24.8510,
-4.3410

74.9410, 24.8510,
-4.3410

71.4530, 29.1610,
-5.3590

78.4290, 20.5410,
-3.3230

67.4920, 33.4250,
-5.5430

82.3900, 16.2770,
-3.1390

64.0040, 37.7350,
-6.5610

85.8780, 11.9670,
-2.1210

60.6300, 41.7240,
-7.2680

89.2520, 7.9780,
-1.4140

59.8150, 42.6410,
-7.3670

92.7400, 3.6680,
-0.3960

■ 96.8150, -0.9170,
0.0990

■ 100.1890, -4.9060,
0.8060

■ 103.6770, -9.2160,
1.8240

■ 107.6380,
-13.4800, 2.0080

Harmonies

Analogous

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



76.2610, 30.1220, 4.7620



74.9410, 24.8510, -4.3410



73.2660, 13.3900, -11.3940

Triad

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



74.9410, 24.8510, -4.3410



59.4710, -50.3390, -18.3310



77.8560, 1.0060, 14.8140

Complementary

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



74.9410, 24.8510, -4.3410



61.0590, -24.8510, 4.3410

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.



75.2170, -19.3040, 8.4400



74.9410, 24.8510, -4.3410



60.8220, -55.5210, -12.5210

Square

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



74.9410, 24.8510, -4.3410



67.1720, -24.5720, -17.2440



67.0890, -42.7310, -2.0190



77.5930, 17.9240, 16.5800

Rectangle

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



74.9410, 24.8510, -4.3410



72.2970, 2.9370, -14.6870



67.0890, -42.7310, -2.0190



77.3930, -5.0000, 13.5280

Sweetspot

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



74.9410, 24.8510, -4.3410



116.7360, 9.4910, -1.3010



59.5940, 25.3510, 19.6470



58.9960, 5.8230, -0.9050



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



74.9410, 24.8510, -4.3410



92.0750, 38.9730, -6.9710



88.7190, 16.1880, -18.0520



46.3700, 1.8340, -0.1980



69.8820, 49.7020, -8.6820



149.8310, 106.4650, -18.6790

Inverse Universe

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



61.0590, -24.8510, 4.3410



70.5120, -39.2480, 6.4480



47.2810, -16.1880, 18.0520



45.6300, -1.8340, 0.1980



42.1180, -49.7020, 8.6820



90.1690, -106.4650, 18.6790

Previews

White Background



This preview shows how the YIQ color 74.9410, 24.8510, -4.3410 looks on a white background.

Color Contrast Check

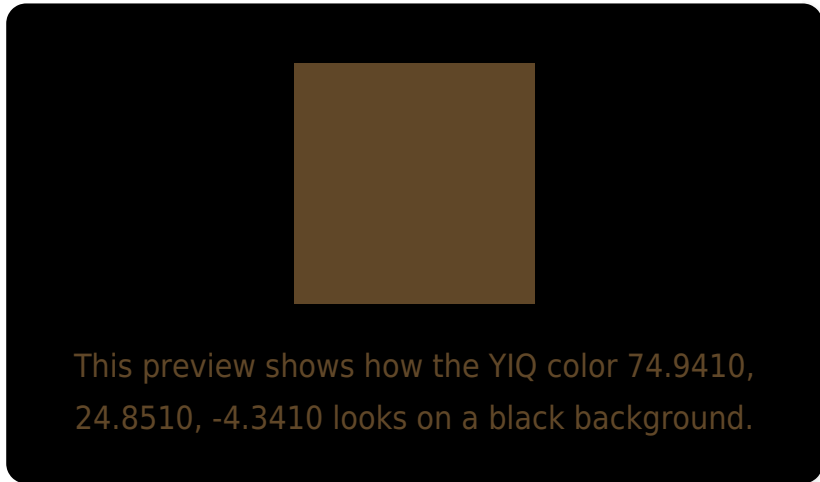
Large Text (above 18pt) WCAG AA ✓ Pass

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

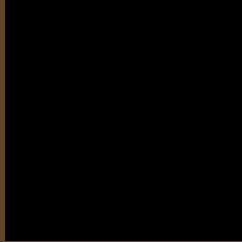
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.9410, 24.8510, -4.3410

Background



This preview shows how black text looks on a background with the YIQ color 74.9410, 24.8510, -4.3410.



This preview shows how white text looks on a background with the YIQ color 74.9410, 24.8510,

-4.3410.

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

74.9410, 24.8510, -4.3410

Protanopia

74.2170, 15.0860, -9.0900

Deuteranopia

74.6310, 22.7880, -5.5000



Tritanopia

77.1380, 17.4670, 8.3390

Trichromacy



Original Color

74.9410, 24.8510, -4.3410

Protanomaly

74.4240, 18.9370, -7.2950

Deuteranomaly

74.9300, 23.3840, -5.2880

Tritanomaly

76.0580, 20.4480, 3.8720

Monochromacy



Original Color

74.9410, 24.8510, -4.3410

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.3230, 9.2160, -1.8240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.9410, 24.8510, -4.3410 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(96, 71, 40)` looks like.

```
.text, #text, p{  
    color:rgb(96, 71, 40)  
}
```

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(96, 71, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 71, 40) }
```

Border

The CSS property to change the border of an element to YIQ 74.9410, 24.8510, -4.3410 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(96, 71, 40) }
```


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

```
.border{ border-color:rgb(96, 71, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 71, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 71, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 71, 40);  
box-shadow:4px 4px 4px 4px rgb(96, 71, 40)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.9410, 24.8510, -4.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 71, 40) }
```

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

```
.background{ background-color: rgb(96, 71,  
40) }
```

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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