

# Converting Colors

YIQ(74.4300, 10.7730, 8.5090)

Have a look what the booklet for  
YIQ(74.4300, 10.7730, 8.5090)  
contains.

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# Color

**YIQ(74.4300, 10.7730,  
8.5090)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5A424D
RGB	90, 66, 77
RGB Percent	35%, 26%, 30%
CMY	0.6470, 0.7412, 0.6980
CMYK	0.00, 0.27, 0.14, 0.65
HSL	332°, 15%, 31%
HSV	332°, 27%, 35%
XYZ	7.5055, 6.6057, 7.9022
YIQ	74.4300, 10.7730, 8.5090

# Conversions

## Conversions Part 2

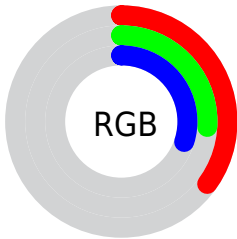
<b>Format</b>	<b>Color</b>
<b>RYB</b>	90, 66, 77
Decimal	5915213
CIELab	30.89, 12.39, -2.58
CIElCh	31, 12.657, 348.255
Yxy	6.6057, 0.3410, 0.3001
Android (android.graphics.Color)	4284105293 (0xFF5A424D)
YUV	74.4300, 1.2670, 13.6549
Hunter-Lab	25.7015, 7.1491, -0.2384

# Details

The YIQ color **74.4300, 10.7730, 8.5090** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **81.5700, -10.7730, -8.5090**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.1420, 11.6440, 9.2440**, and **30.4190, 9.3060, 7.5620** is the 20% darker color. If you saturate the color by 10%, you get **68.5770, 14.8530, 11.6610**, and if you desaturate by 10%, it is **80.2830, 6.6930, 5.3570**.

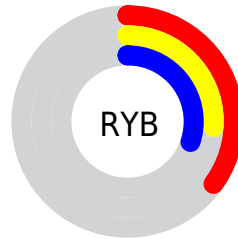
# Distribution




 Red (35%)

 Green (26%)

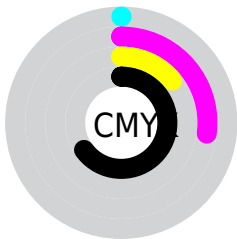
 Blue (30%)



 Red (35%)

 Yellow (26%)

 Blue (30%)

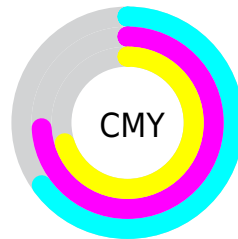


 Cyan (0%)


 Magenta (27%)

 Yellow (14%)

 Black (65%)



 Cyan (65%)

 Magenta (74%)

 Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 74.4300, 10.7730, 8.5090 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 74.4300, 10.7730, 8.5090 by changing the saturation by 10% instead.



■ 74.4300, 10.7730,  
8.5090

■ 74.4300, 10.7730,  
8.5090

■ 255.0000, -0.0000,  
-0.0000

■ 51.7180, 9.9020,  
7.7740

■ 123.1420, 11.6440,  
9.2440

■ 30.4190, 9.3060,  
7.5620

■ 149.4410, 12.2400,  
9.4560

■ 8.6150, 11.6900,  
8.4100

■ 175.7400, 12.8360,  
9.6680

■ 0.0000, 0.0000,  
0.0000

■ 203.1530, 13.1110,  
10.1910

■ 231.4520, 13.7070,  
10.4030

■ 252.0650, 1.3750,

2.6150

■ 74.4300, 10.7730,  
8.5090

■ 74.4300, 10.7730,  
8.5090

■ 68.5770, 14.8530,  
11.6610

■ 80.2830, 6.6930,  
5.3570

■ 62.7240, 18.9330,  
14.8130

■ 86.1360, 2.6130,  
2.2050

■ 56.8710, 23.0130,  
17.9650

■ 91.9890, -1.4670,  
-0.9470

■ 51.1320, 26.7720,  
21.4280

■ 97.8420, -5.5470,  
-4.0990

■ 45.2790, 30.8520,  
24.5800

■ 103.5810, -9.3060,  
-7.5620

■ 39.4260, 34.9320,  
27.7320

■ 109.4340,  
-13.3860, -10.7140

■ 33.5730, 39.0120,  
30.8840

■ 115.2870,  
-17.4660, -13.8660

■ 31.5840, 40.4790,  
31.8310

■ 121.1400,  
-21.5460, -17.0180

■ 126.9930,  
-25.6260, -20.1700

# Harmonies

## Analogous

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



74.2380, 2.5660, 8.5660



74.4300, 10.7730, 8.5090



74.1870, 15.7710, 6.0350

# Triad

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



74.4300, 10.7730, 8.5090



71.7200, 6.4200, -6.2200



68.8710, -21.6860, -3.4620

# Complementary

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



74.4300, 10.7730, 8.5090



81.5700, -10.7730, -8.5090

# 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.



68.2470, -19.9890, -6.6850



74.4300, 10.7730, 8.5090



70.7620, -2.5660, -8.5660

# Square

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



74.4300, 10.7730, 8.5090



72.9490, 13.2050, -2.5310



69.0860, -12.2860, -8.6220



71.2570, -16.7810, 1.2590



# Rectangle

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



74.4300, 10.7730, 8.5090



73.7910, 16.8260, 3.4340



69.0860, -12.2860, -8.6220



68.9310, -21.9150, -4.8190

# Sweetspot

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



74.4300, 10.7730, 8.5090



111.1470, 4.0800, 3.1520



72.6230, 0.0440, 10.2200



55.0220, 2.9340, 1.8940



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000



# Same Dimension

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



74.4300, 10.7730, 8.5090



93.0010, 16.5950, 13.1310



73.7630, 14.0290, 4.5650



42.7230, 2.3380, 1.6820



38.5900, 49.5100, 38.8700



83.2890, 106.2630, 84.1430



# Inverse Universe

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



74.4300, 10.7730, 8.5090



93.0010, 16.5950, 13.1310



82.2370, -14.0290, -4.5650



42.7230, 2.3380, 1.6820



38.5900, 49.5100, 38.8700



83.2890, 106.2630, 84.1430



# Previews

## White Background



This preview shows how the YIQ color 74.4300, 10.7730, 8.5090 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

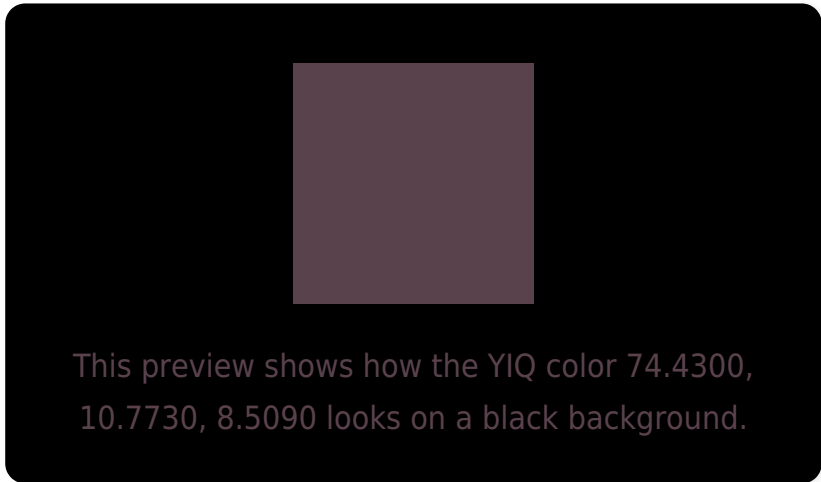
Any Text WCAG AA ✓ Pass

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

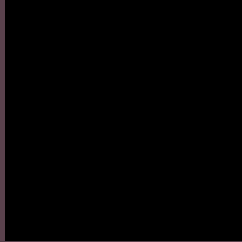
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 74.4300, 10.7730, 8.5090**

## **Background**



This preview shows how black text looks on a background with the YIQ color 74.4300, 10.7730, 8.5090.



This preview shows how white text looks on a background with the YIQ color 74.4300, 10.7730,



# 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

74.4300, 10.7730, 8.5090

### Protanopia

73.0260, -2.8890, 2.7990

### Deuteranopia

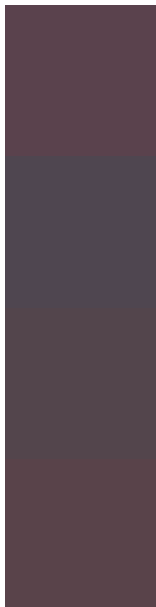
73.9620, 3.1630, 3.2510



## Tritanopia

74.1480, 11.5070, 6.2190

# Trichromacy



## Original Color

74.4300, 10.7730, 8.5090

## Protanomaly

73.8310, 2.1540, 5.0180

## Deuteranomaly

73.9840, 6.0970, 5.1450

## Tritanomaly

74.3760, 10.8650, 6.8410

# Monochromacy



## Original Color

74.4300, 10.7730, 8.5090

## Achromatopsia

74.0000, -0.0000, 0.0000

## Achromatomaly

74.1470, 4.0800, 3.1520

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 74.4300, 10.7730, 8.5090 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(90, 66, 77)` looks like.

```
.text, #text, p{  
    color:rgb(90, 66, 77)  
}
```

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(90, 66, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 66, 77) }
```

## Border

The CSS property to change the border of an element to YIQ 74.4300, 10.7730, 8.5090 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(90, 66, 77) }
```



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

```
.border{ border-color:rgb(90, 66, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 66, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 66, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 66, 77);  
box-shadow:4px 4px 4px 4px rgb(90, 66, 77)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 74.4300, 10.7730, 8.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 66, 77) }
```

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

```
.background{ background-color: rgb(90, 66,  
77) }
```

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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