

Converting Colors

YIQ(74.0750, 4.5830, 10.5590)

Have a look what the booklet for
YIQ(74.0750, 4.5830, 10.5590)
contains.

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Color

**YIQ(74.0750, 4.5830,
10.5590)**

Conversions

Conversions Part 1

Format	Color
Hex	554257
RGB	85, 66, 87
RGB Percent	33%, 26%, 34%
CMY	0.6666, 0.7412, 0.6588
CMYK	0.02, 0.24, 0.00, 0.66
HSL	294°, 14%, 30%
HSV	294°, 24%, 34%
XYZ	7.4157, 6.5156, 9.8837
YIQ	74.0750, 4.5830, 10.5590

Conversions

Conversions Part 2

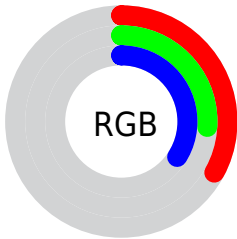
Format	Color
R_{YB}	85, 66, 87
Decimal	5587543
CIE _{Lab}	30.68, 12.46, -9.41
CIE _{LCh}	31, 15.608, 322.943
Yxy	6.5156, 0.3114, 0.2736
Android (android.graphics.Color)	4283777623 (0xFF554257)
YUV	74.0750, 6.3720, 9.5812
Hunter-Lab	25.5257, 7.1878, -5.0895




Details

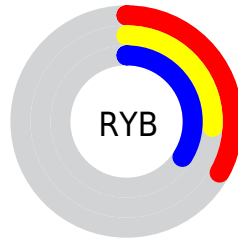
The YIQ color **74.0750, 4.5830, 10.5590** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **78.9250, -4.5830, -10.5590**, and the grayscale version is **74.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **122.9010, 5.1330, 11.6050**, and **30.2490, 4.0330, 9.5130** is the 20% darker color. If you saturate the color by 10%, you get **68.4930, 6.4620, 15.0540**, and if you desaturate by 10%, it is **79.6570, 2.7040, 6.0640**.

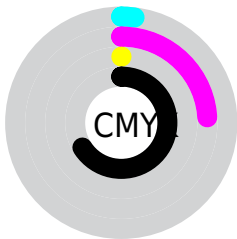
Distribution







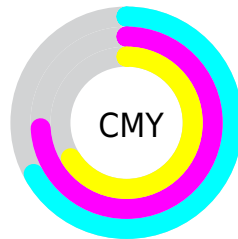
-  Red (33%)
-  Green (26%)
-  Blue (34%)






-  Red (33%)
-  Yellow (26%)
-  Blue (34%)



-  Cyan (2%)
-  Magenta (24%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (67%)
-  Magenta (74%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.0750, 4.5830, 10.5590 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 74.0750, 4.5830, 10.5590 by changing the saturation by 10% instead.

■ 74.0750, 4.5830,
10.5590

■ 74.0750, 4.5830,
10.5590

■ 255.0000, -0.0000,
-0.0000

■ 51.6620, 4.3080,
10.0360

■ 122.9010, 5.1330,
11.6050

■ 30.2490, 4.0330,
9.5130

■ 148.9010, 5.1330,
11.6050

■ 8.7870, 5.4540,
11.2940

■ 175.3140, 5.4080,
12.1280

■ 0.0000, 0.0000,
0.0000

■ 202.7270, 5.6830,
12.6510

■ 231.0260, 6.2790,
12.8630

■ 252.0650, 1.3750,

2.6150

■ 74.0750, 4.5830,
10.5590

■ 74.0750, 4.5830,
10.5590

■ 68.4930, 6.4620,
15.0540

■ 79.6570, 2.7040,
6.0640

■ 63.4980, 8.0660,
19.0260

■ 84.6520, 1.1000,
2.0920

■ 58.2150, 10.5410,
23.7330

■ 89.9350, -1.3750,
-2.6150

■ 52.6330, 12.4200,
28.2280

■ 95.5170, -3.2540,
-7.1100

■ 47.0510, 14.2990,
32.7230

■ 100.5120, -4.8580,
-11.0820

■ 42.0560, 15.9030,
36.6950

■ 106.0940, -6.7370,
-15.5770

■ 36.4740, 17.7820,
41.1900

■ 111.6760, -8.6160,
-20.0720

■ 33.5390, 19.1570,
43.8050

■ 117.2580,
-10.4950, -24.5670

■ 121.9540,
-12.6950, -28.7510

Harmonies

Analogous

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



72.8500, -8.0250, 7.7750



74.0750, 4.5830, 10.5590



73.7510, 14.3030, 10.6150

Triad

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



74.0750, 4.5830, 10.5590



71.6780, 15.4060, -3.8740



66.0720, -26.8660, -8.7060

Complementary

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



74.0750, 4.5830, 10.5590



78.9250, -4.5830, -10.5590

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.



67.3950, -17.6500, -10.5300



74.0750, 4.5830, 10.5590



70.3670, 5.9160, -8.1000

Square

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



74.0750, 4.5830, 10.5590



72.5910, 20.2650, 1.6810



68.7400, -5.5000, -10.4600



66.9350, -27.7380, -3.9140

Rectangle

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



74.0750, 4.5830, 10.5590



73.6220, 18.9800, 8.4520



68.7400, -5.5000, -10.4600



66.2140, -24.3900, -9.5260

Sweetspot

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



74.0750, 4.5830, 10.5590



107.0050, 1.6040, 3.9720



69.5680, -7.2910, 5.4850



53.6520, 1.1000, 2.0920



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.



74.0750, 4.5830, 10.5590



92.3190, 7.0120, 16.1000



73.7610, 8.3430, 8.4950



40.6520, 1.1000, 2.0920



41.2010, 23.4650, 53.8410



90.1780, 50.9170, 118.0290

Inverse Universe

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



72.5070, 11.8740, 5.0740



89.9100, 18.1090, 7.7170



79.2390, -8.3430, -8.4950



40.1960, 2.3840, 0.8480



33.1330, 60.5620, 25.7940



72.7730, 132.9980, 56.6620

Previews

White Background



This preview shows how the YIQ color 74.0750, 4.5830, 10.5590 looks on a white background.

Color Contrast Check

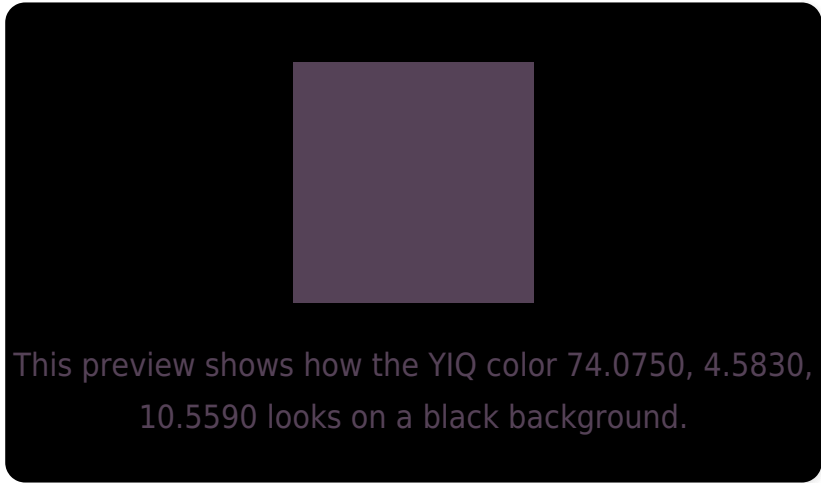
Large Text (above 18pt) WCAG AA ✓ Pass

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

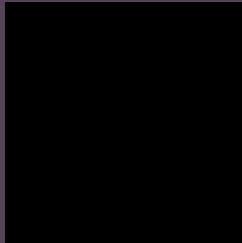
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.0750, 4.5830, 10.5590

Background



This preview shows how black text looks on a background with the YIQ color 74.0750, 4.5830, 10.5590.



This preview shows how white text looks on a background with the YIQ color 74.0750, 4.5830,

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

74.0750, 4.5830, 10.5590

Protanopia

72.9700, -8.4830, 5.0610

Deuteranopia

73.3080, -3.6230, 5.0890



Tritanopia

73.1690, 7.0140, 5.0460

Trichromacy



Original Color

74.0750, 4.5830, 10.5590

Protanomaly

73.4760, -4.0360, 7.0680

Deuteranomaly

73.3300, -0.6890, 6.9830

Tritanomaly

73.4510, 6.2800, 7.3360

Monochromacy



Original Color

74.0750, 4.5830, 10.5590

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.0750, 4.5830, 10.5590 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(85, 66, 87)` looks like.

```
.text, #text, p{  
    color:rgb(85, 66, 87)  
}
```

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(85, 66, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 66, 87) }
```

Border

The CSS property to change the border of an element to YIQ 74.0750, 4.5830, 10.5590 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(85, 66, 87) }
```


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

```
.border{ border-color:rgb(85, 66, 87) }
```

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

Here you see how a box with a 4 pixel rgb(85, 66, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 66, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 66, 87);  
box-shadow:4px 4px 4px 4px rgb(85, 66, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 74.0750, 4.5830, 10.5590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 66, 87) }
```

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

```
.background{ background-color: rgb(85, 66,  
87) }
```

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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