

Converting Colors

YIQ(83.2580, 7.8410, -4.4390)

Have a look what the booklet for
YIQ(83.2580, 7.8410, -4.4390)
contains.

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Color

**YIQ(83.2580, 7.8410,
-4.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	585443
RGB	88, 84, 67
RGB Percent	35%, 33%, 26%
CMY	0.6549, 0.6706, 0.7372
CMYK	0.00, 0.05, 0.24, 0.65
HSL	49°, 14%, 30%
HSV	49°, 24%, 35%
XYZ	8.2081, 8.8205, 6.5819
YIQ	83.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

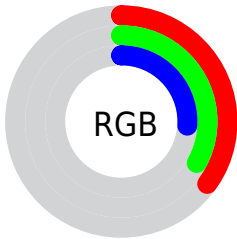
Format	Color
R_YB	72, 88, 67
Decimal	5788739
CIE Lab	35.64, -1.56, 10.54
CIE LCh	36, 10.651, 98.442
Yxy	8.8205, 0.3476, 0.3736
Android (android.graphics.Color)	4283978819 (0xFF585443)
YUV	83.2580, -8.0152, 4.1587
Hunter-Lab	29.6993, -2.6408, 7.6498

Details

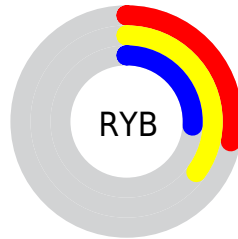
The YIQ color **83.2580, 7.8410, -4.4390** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **71.7420, -7.8410, 4.4390**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4430, 8.7580, -4.5380**, and **38.1870, 6.6030, -4.0290** is the 20% darker color. If you saturate the color by 10%, you get **81.0580, 11.2800, -6.1920**, and if you desaturate by 10%, it is **85.4580, 4.4020, -2.6860**.

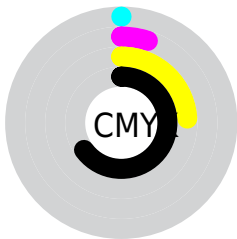
Distribution



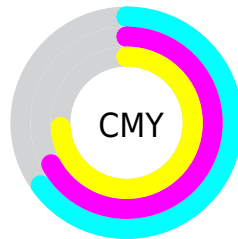
- Red (35%)
- Green (33%)
- Blue (26%)



- Red (28%)
- Yellow (35%)
- Blue (26%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (65%)



- Cyan (65%)
- Magenta (67%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.2580, 7.8410, -4.4390 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 83.2580, 7.8410, -4.4390 by changing the saturation by 10% instead.

■ 83.2580, 7.8410,
-4.4390

■ 83.2580, 7.8410,
-4.4390

■ 255.0000, -0.0000,
-0.0000

■ 60.3720, 7.5200,
-4.1280

■ 132.4430, 8.7580,
-4.5380

■ 38.1870, 6.6030,
-4.0290

■ 159.0300, 8.4830,
-5.0610

■ 18.0300, 8.4830,
-5.0610

■ 186.2150, 9.4000,
-5.1600

■ 0.0000, 0.0000,
0.0000

■ 213.5140, 9.9960,
-4.9480

■ 242.1010, 9.7210,
-5.4710

■ 254.5440, 1.2840,

-1.2440

■ 83.2580, 7.8410,
-4.4390

■ 83.2580, 7.8410,
-4.4390

■ 81.0580, 11.2800,
-6.1920

■ 85.4580, 4.4020,
-2.6860

■ 79.4450, 14.4440,
-8.4680

■ 87.0710, 1.2380,
-0.4100

■ 77.3590, 17.5620,
-9.9100

■ 89.1570, -1.8800,
1.0320

■ 75.1590, 21.0010,
-11.6630

■ 91.3570, -5.3190,
2.7850

■ 73.5460, 24.1650,
-13.9390

■ 92.9700, -8.4830,
5.0610

■ 71.3460, 27.6040,
-15.6920

■ 95.1700, -11.9220,
6.8140

■ 69.1460, 31.0430,
-17.4450

■ 97.3700, -15.3610,
8.5670

■ 67.9890, 32.9230,
-18.4770

■ 98.8690, -18.2040,
10.5320

■ 101.0690,
-21.6430, 12.2850

Harmonies

Analogous

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



84.0030, 13.1130, -0.8630



83.2580, 7.8410, -4.4390



82.3710, 0.0930, -7.1950

Triad

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



83.2580, 7.8410, -4.4390



80.6110, -18.0180, -3.8580



85.6360, 7.1970, 7.2370

Complementary

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



83.2580, 7.8410, -4.4390



71.7420, -7.8410, 4.4390

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.



84.9170, -0.9640, 6.4600



83.2580, 7.8410, -4.4390



81.8010, -15.4970, 0.0150

Square

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



83.2580, 7.8410, -4.4390



80.5850, -15.1290, -6.6570



83.7310, -9.3080, 3.4920



85.3330, 12.4240, 6.1200

Rectangle

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



83.2580, 7.8410, -4.4390



81.7340, -5.3630, -7.4350



83.7310, -9.3080, 3.4920



85.3800, 5.0420, 7.7460

Sweetspot

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



83.2580, 7.8410, -4.4390



112.9140, 3.1180, -1.4420



73.7350, 11.2320, 5.6960



57.8430, 1.8800, -1.0320



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.



83.2580, 7.8410, -4.4390



107.0150, 12.8390, -6.9130



83.8120, 3.1650, -7.8030



42.5440, 1.2840, -1.2440



83.0620, 39.8470, -22.8170



181.7950, 87.8100, -49.5500

Inverse Universe

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



71.7420, -7.8410, 4.4390



88.9850, -12.8390, 6.9130



71.1880, -3.1650, 7.8030



40.0430, -1.5590, 0.7210



23.9380, -39.8470, 22.8170



53.2050, -87.8100, 49.5500

Previews

White Background



This preview shows how the YIQ color 83.2580, 7.8410, -4.4390 looks on a white background.

Color Contrast Check

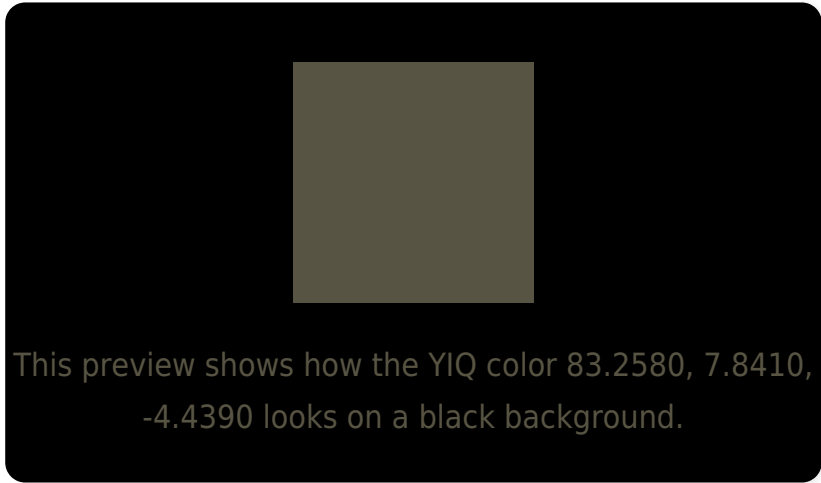
Large Text (above 18pt) WCAG AA ✓ Pass

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

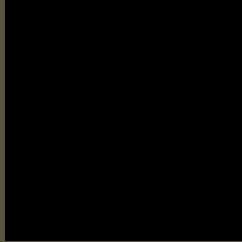
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.2580, 7.8410, -4.4390

Background



This preview shows how black text looks on a background with the YIQ color 83.2580, 7.8410, -4.4390.



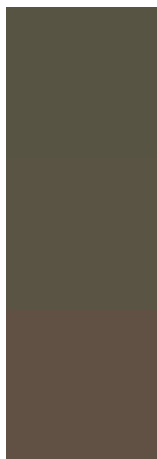
This preview shows how white text looks on a background with the YIQ color 83.2580, 7.8410,

-4.4390.

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

83.2580, 7.8410, -4.4390

Protanopia

83.5570, 8.4370, -4.2270

Deuteranopia

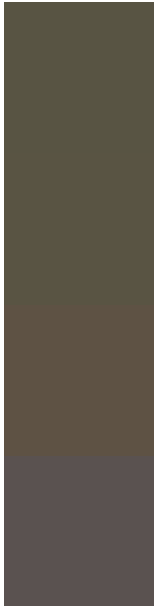
84.3020, 13.7090, -0.6510



Tritanopia

84.7880, 3.7130, 4.2970

Trichromacy



Original Color

83.2580, 7.8410, -4.4390

Protanomaly

83.5570, 8.4370, -4.2270

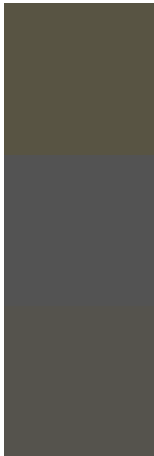
Deuteranomaly

83.9920, 11.6460, -1.8100

Tritanomaly

84.1640, 5.4100, 1.0740

Monochromacy



Original Color

83.2580, 7.8410, -4.4390

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.9140, 3.1180, -1.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.2580, 7.8410, -4.4390 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(88, 84, 67)` looks like.

```
.text, #text, p{  
    color:rgb(88, 84, 67)  
}
```

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(88, 84, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 84, 67) }
```

Border

The CSS property to change the border of an element to YIQ 83.2580, 7.8410, -4.4390 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(88, 84, 67) }
```


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

```
.border{ border-color:rgb(88, 84, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 84, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 84, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 84, 67);  
box-shadow:4px 4px 4px 4px rgb(88, 84, 67)  
}
```

Background

The CSS property to change the background color of an element to YIQ 83.2580, 7.8410, -4.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 84, 67) }
```

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

```
.background{ background-color: rgb(88, 84,  
67) }
```

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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