

Converting Colors

YIQ(85.1740, 34.9810, 10.3170)

Have a look what the booklet for
YIQ(85.1740, 34.9810, 10.3170)
contains.

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Color

**YIQ(85.1740, 34.9810,
10.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4540
RGB	125, 69, 64
RGB Percent	49%, 27%, 25%
CMY	0.5097, 0.7295, 0.7489
CMYK	0.00, 0.45, 0.49, 0.51
HSL	5°, 32%, 37%
HSV	5°, 49%, 49%
XYZ	11.5154, 8.9864, 5.9835
YIQ	85.1740, 34.9810, 10.3170

Conversions

Conversions Part 2

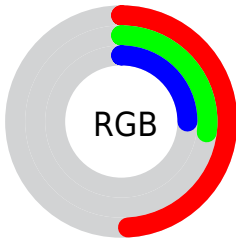
Format	Color
R_{YB}	125, 69, 64
Decimal	8209728
CIE Lab	35.96, 23.45, 13.55
CIE LCh	36, 27.083, 30.009
Yxy	8.9864, 0.4348, 0.3393
Android (android.graphics.Color)	4286399808 (0xFF7D4540)
YUV	85.1740, -10.4388, 34.9274
Hunter-Lab	29.9773, 16.1082, 9.1497

Details

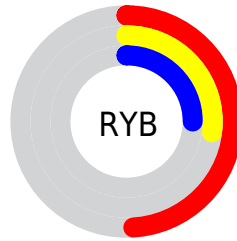
The YIQ color **85.1740, 34.9810, 10.3170** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **103.8260, -34.9810, -10.3170**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.8540, 38.8780, 11.2780**, and **37.8360, 30.1210, 10.2890** is the 20% darker color. If you saturate the color by 10%, you get **76.7620, 42.1330, 12.8610**, and if you desaturate by 10%, it is **93.1130, 27.7830, 8.6070**.

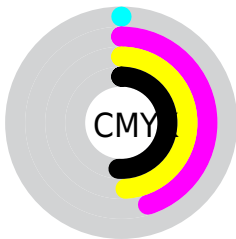
Distribution



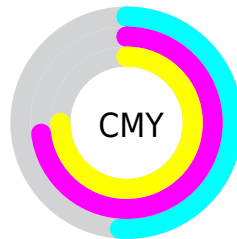
- Red (49%)
- Green (27%)
- Blue (25%)



- Red (49%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (45%)
- Yellow (49%)
- Black (51%)



- Cyan (51%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.1740, 34.9810, 10.3170 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 85.1740, 34.9810, 10.3170 by changing the saturation by 10% instead.

■ 85.1740, 34.9810,
10.3170

■ 85.1740, 34.9810,
10.3170

255.0000, -0.0000,
-0.0000

■ 61.3910, 32.8720,
9.9920

■ 135.8540, 38.8780,
11.2780

■ 37.8360, 30.1210,
10.2890

■ 162.3380, 40.3910,
11.3910

■ 15.2380, 28.9290,
9.8650

■ 189.8220, 41.9040,
11.5040

■ 4.4850, 8.9400,
3.1800

■ 214.1310, 36.5400,
9.5960

■ 0.0000, 0.0000,
0.0000

■ 234.3460, 19.5770,
3.1370

■ 254.0880, 2.5680,

-2.4880

■ 85.1740, 34.9810,
10.3170

■ 85.1740, 34.9810,
10.3170

■ 76.7620, 42.1330,
12.8610

■ 93.1130, 27.7830,
8.6070

■ 68.8230, 49.3310,
14.5710

■ 101.5250, 20.6310,
6.0630

■ 60.9980, 56.2080,
16.5920

■ 109.4640, 13.4330,
4.3530

■ 52.4720, 63.6810,
18.8250

■ 117.8760, 6.2810,
1.8090

■ 44.6470, 70.5580,
20.8460

■ 125.8150, -0.9170,
0.0990

■ 43.2450, 71.7500,
21.2700

■ 134.2270, -8.0690,
-2.4450

■ 142.1660,
-15.2670, -4.1550

■ 150.5780,
-22.4190, -6.6990

■ 158.5170,
-29.6170, -8.4090

Harmonies

Analogous

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



86.0950, 28.1940, 17.6820



85.1740, 34.9810, 10.3170



84.3550, 32.5530, -0.7510

Triad

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



85.1740, 34.9810, 10.3170



76.8970, -16.5480, -19.4920



80.3120, -35.8090, 4.6950

Complementary

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



85.1740, 34.9810, 10.3170



103.8260, -34.9810, -10.3170

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.



67.9120, -64.4620, -10.1740



85.1740, 34.9810, 10.3170



67.1240, -50.9800, -23.2360

Square

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



85.1740, 34.9810, 10.3170



80.7980, 5.7800, -16.6520



67.8490, -60.1510, -16.7190



85.9950, -9.6310, 14.8570

Rectangle

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



85.1740, 34.9810, 10.3170



83.3170, 26.5480, -7.5640



67.8490, -60.1510, -16.7190



76.5880, -45.5740, -0.0540

Sweetspot

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



85.1740, 34.9810, 10.3170



147.3500, 13.7540, 4.0420



88.7370, 18.0590, 30.6590



72.0720, 8.6650, 2.6570



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



85.1740, 34.9810, 10.3170



100.4000, 55.0160, 16.1680



102.7840, 26.7310, -5.3730



59.6800, 3.8970, 0.9610



44.1420, 73.5380, 21.9060



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.8260, -34.9810, -10.3170



129.6000, -55.0160, -16.1680



86.2160, -26.7310, 5.3730



61.3200, -3.8970, -0.9610



83.2710, -73.2630, -21.3830



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 85.1740, 34.9810, 10.3170 looks on a white background.

Color Contrast Check

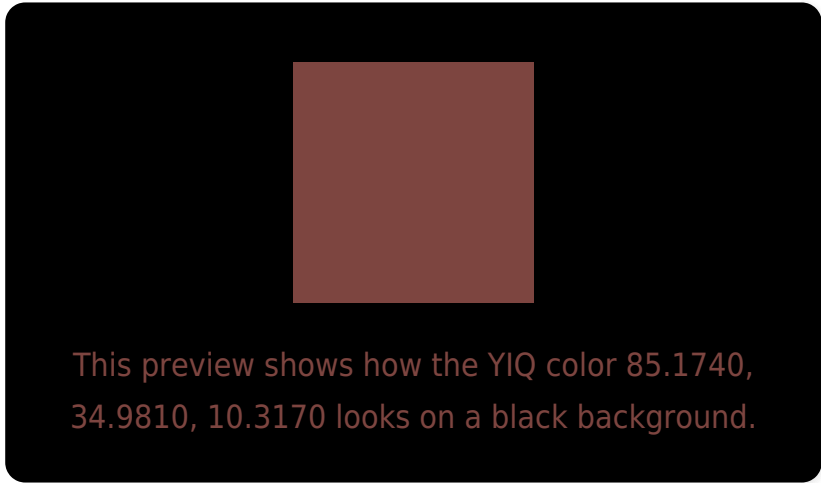
Large Text (above 18pt) WCAG AA ✓ Pass

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

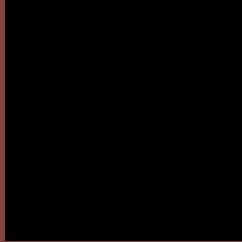
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.1740, 34.9810, 10.3170

Background



This preview shows how black text looks on a background with the YIQ color 85.1740, 34.9810, 10.3170.

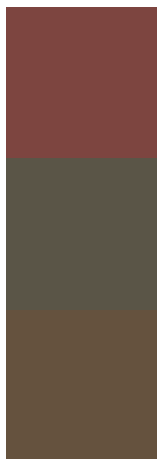


This preview shows how white text looks on a background with the YIQ color 85.1740, 34.9810,

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

85.1740, 34.9810, 10.3170

Protanopia

84.8990, 7.4740, -3.2940

Deuteranopia

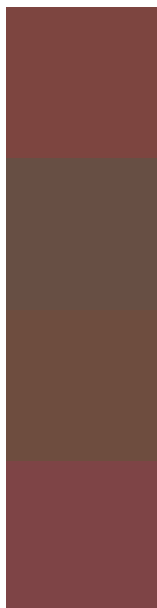
85.4010, 17.7440, -2.1920



Tritanopia

85.9120, 32.9630, 13.8510

Trichromacy



Original Color

85.1740, 34.9810, 10.3170

Protanomaly

84.9220, 17.8350, 1.6670

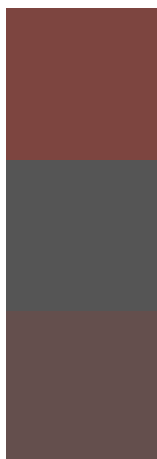
Deuteranomaly

85.2710, 24.1620, 2.6420

Tritanomaly

85.5700, 33.9260, 12.9180

Monochromacy



Original Color

85.1740, 34.9810, 10.3170

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.0510, 13.1580, 3.8300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.1740, 34.9810, 10.3170 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(125, 69, 64)` looks like.

```
.text, #text, p{  
    color:rgb(125, 69, 64)  
}
```

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(125, 69, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 69, 64) }
```

Border

The CSS property to change the border of an element to YIQ 85.1740, 34.9810, 10.3170 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(125, 69, 64) }
```


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

```
.border{ border-color:rgb(125, 69, 64) }
```

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

Here you see how a box with a 4 pixel rgb(125, 69, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 69, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 69, 64);  
box-shadow:4px 4px 4px 4px rgb(125, 69,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 85.1740, 34.9810, 10.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 69, 64) }
```

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

```
.background{ background-color: rgb(125, 69,  
64) }
```

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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