

Converting Colors

YIQ(89.4340, 31.3130, 10.7130)

Have a look what the booklet for
YIQ(89.4340, 31.3130, 10.7130)
contains.

YIQ(89.4340, 31.3130, 10.7130)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(89.4340, 31.3130,
10.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4A49
RGB	126, 74, 73
RGB Percent	49%, 29%, 29%
CMY	0.5058, 0.7099, 0.7136
CMYK	0.00, 0.41, 0.42, 0.51
HSL	1°, 27%, 39%
HSV	1°, 42%, 49%
XYZ	12.2598, 9.8141, 7.5570
YIQ	89.4340, 31.3130, 10.7130

Conversions

Conversions Part 2

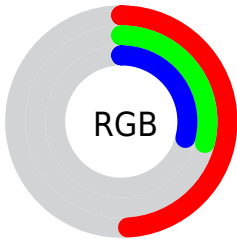
Format	Color
R_{YB}	126, 74, 73
Decimal	8276553
CIE _{Lab}	37.51, 22.00, 10.06
CIE _{LCh}	38, 24.189, 24.579
Yxy	9.8141, 0.4137, 0.3312
Android (android.graphics.Color)	4286466633 (0xFF7E4A49)
YUV	89.4340, -8.1020, 32.0684
Hunter-Lab	31.3275, 15.0316, 7.6269

Details

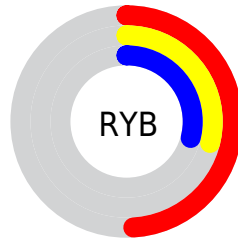
The YIQ color **89.4340, 31.3130, 10.7130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **109.5660, -31.3130, -10.7130**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.2280, 34.8890, 11.9850**, and **41.9820, 26.7740, 10.3740** is the 20% darker color. If you saturate the color by 10%, you get **80.9080, 38.7860, 12.9460**, and if you desaturate by 10%, it is **97.9600, 23.8400, 8.4800**.

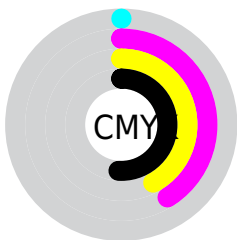
Distribution



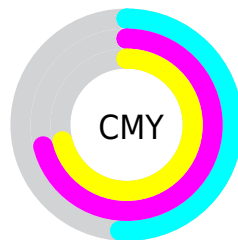
- Red (49%)
- Green (29%)
- Blue (29%)



- Red (49%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (41%)
- Yellow (42%)
- Black (51%)



- Cyan (51%)
- Magenta (71%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.4340, 31.3130, 10.7130 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 89.4340, 31.3130, 10.7130 by changing the saturation by 10% instead.

■ 89.4340, 31.3130,
10.7130

■ 89.4340, 31.3130,
10.7130

255.0000, -0.0000,
-0.0000

■ 65.6510, 29.2040,
10.3880

■ 140.2280, 34.8890,
11.9850

■ 41.9820, 26.7740,
10.3740

■ 167.2990, 36.1270,
11.5750

■ 18.9280, 26.8660,
8.7060

■ 194.3100, 37.5940,
12.5220

■ 7.2900, 13.9830,
5.3990

■ 218.9070, 31.3590,
9.8790

■ 0.0000, 0.0000,
0.0000

■ 238.5350, 14.6710,
3.9430

■ 89.4340, 31.3130,
10.7130

■ 89.4340, 31.3130,
10.7130

■ 80.9080, 38.7860,
12.9460

■ 97.9600, 23.8400,
8.4800

■ 71.9090, 46.2130,
16.0130

■ 106.9590, 16.4130,
5.4130

■ 63.3830, 53.6860,
18.2460

■ 115.4850, 8.9400,
3.1800

■ 54.3840, 61.1130,
21.3130

■ 123.8970, 1.7880,
0.6360

■ 45.8580, 68.5860,
23.5460

■ 133.0100, -5.9600,
-2.1200

■ 38.8480, 74.5460,
25.6660

■ 141.5360,
-13.4330, -4.3530

■ 150.5350,
-20.8600, -7.4200

■ 159.0610,

-28.3330, -9.6530

■ 167.4730,
-35.4850, -12.1970

Harmonies

Analogous

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



90.2300, 23.3800, 16.8200



89.4340, 31.3130, 10.7130



88.4520, 30.9020, 1.6380

Triad

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



89.4340, 31.3130, 10.7130



82.3000, -10.3130, -16.8490



83.7420, -34.2040, 3.1400

Complementary

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



89.4340, 31.3130, 10.7130



109.5660, -31.3130, -10.7130

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.



74.2180, -56.5760, -9.9200



89.4340, 31.3130, 10.7130



77.5670, -33.0540, -17.7100

Square

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



89.4340, 31.3130, 10.7130



85.3470, 8.6680, -13.9240



69.6810, -59.7380, -18.6980



89.4460, -12.5190, 12.1290

Rectangle

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



89.4340, 31.3130, 10.7130



88.0120, 26.0890, -4.7510



69.6810, -59.7380, -18.6980



81.1000, -41.2640, -1.0720

Sweetspot

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



89.4340, 31.3130, 10.7130



148.2790, 12.5160, 4.4520



94.7750, 14.8960, 27.4080



72.8870, 7.7480, 2.7560



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.



89.4340, 31.3130, 10.7130



106.8060, 48.0010, 16.6490



104.6960, 24.1630, -2.8850



59.0930, 4.1720, 1.4840



39.4460, 75.7380, 26.0900



0.0000, 0.0000, 0.0000

Inverse Universe

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



109.5660, -31.3130, -10.7130



138.1940, -48.0010, -16.6490



94.3040, -24.1630, 2.8850



61.9070, -4.1720, -1.4840



87.9670, -75.4630, -25.5670



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 89.4340, 31.3130, 10.7130 looks on a white background.

Color Contrast Check

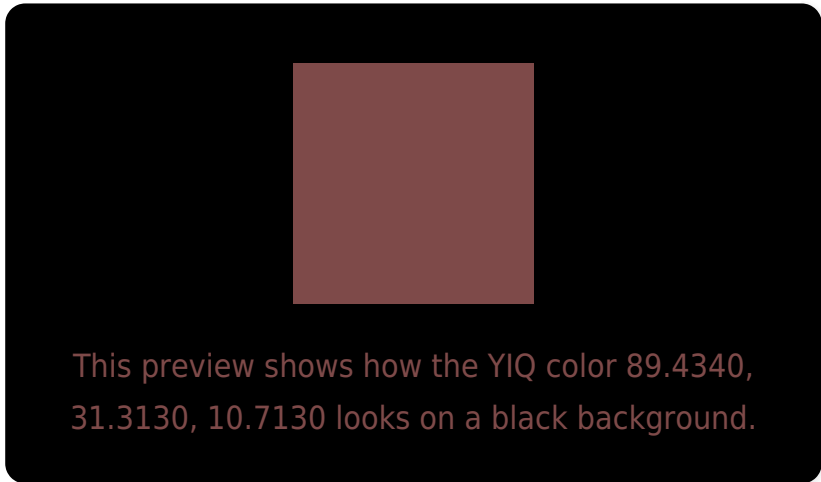
Large Text (above 18pt) WCAG AA ✓ Pass

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

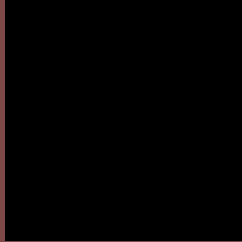
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.4340, 31.3130, 10.7130

Background



This preview shows how black text looks on a background with the YIQ color 89.4340, 31.3130, 10.7130.



This preview shows how white text looks on a background with the YIQ color 89.4340, 31.3130,

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

89.4340, 31.3130, 10.7130

Protanopia

88.2840, 4.9520, -1.6400

Deuteranopia

88.7860, 15.2220, -0.5380



Tritanopia

89.5310, 29.6620, 13.1020

Trichromacy



Original Color

89.4340, 31.3130, 10.7130

Protanomaly

88.5950, 14.4420, 2.5860

Deuteranomaly

88.9440, 20.7690, 3.5610

Tritanomaly

89.3030, 30.3040, 12.4800

Monochromacy



Original Color

89.4340, 31.3130, 10.7130

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.2680, 11.0490, 3.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.4340, 31.3130, 10.7130 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(126, 74, 73)` looks like.

```
.text, #text, p{  
    color:rgb(126, 74, 73)  
}
```

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(126, 74, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 74, 73) }
```

Border

The CSS property to change the border of an element to YIQ 89.4340, 31.3130, 10.7130 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(126, 74, 73) }
```


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

```
.border{ border-color:rgb(126, 74, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 74, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 74, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 74, 73);  
box-shadow:4px 4px 4px 4px rgb(126, 74,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 89.4340, 31.3130, 10.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 74, 73) }
```

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

```
.background{ background-color: rgb(126, 74,  
73) }
```

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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