

Converting Colors

YIQ(88.8100, 33.0100, 7.4900)

Have a look what the booklet for
YIQ(88.8100, 33.0100, 7.4900)
contains.

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Color

**YIQ(88.8100, 33.0100,
7.4900)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4B41
RGB	125, 75, 65
RGB Percent	49%, 29%, 25%
CMY	0.5097, 0.7060, 0.7450
CMYK	0.00, 0.40, 0.48, 0.51
HSL	10°, 32%, 37%
HSV	10°, 48%, 49%
XYZ	11.9315, 9.7735, 6.2640
YIQ	88.8100, 33.0100, 7.4900

Conversions

Conversions Part 2

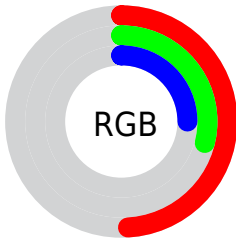
Format	Color
R_{YB}	125, 77, 65
Decimal	8211265
CIE Lab	37.43, 20.04, 14.92
CIE LCh	37, 24.983, 36.663
Yxy	9.7735, 0.4266, 0.3494
Android (android.graphics.Color)	4286401345 (0xFF7D4B41)
YUV	88.8100, -11.7383, 31.7386
Hunter-Lab	31.2626, 13.4155, 10.0040

Details

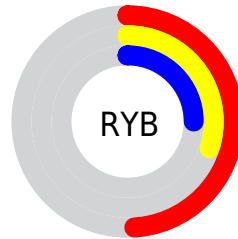
The YIQ color **88.8100, 33.0100, 7.4900** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **101.1900, -33.0100, -7.4900**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.4900, 36.9070, 8.4510**, and **41.9450, 28.1960, 6.6280** is the 20% darker color. If you saturate the color by 10%, you get **81.5720, 39.6120, 8.9880**, and if you desaturate by 10%, it is **96.1620, 26.0870, 6.3030**.

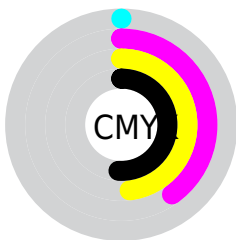
Distribution



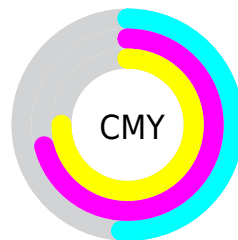
- Red (49%)
- Green (29%)
- Blue (25%)



- Red (49%)
- Yellow (30%)
- Blue (25%)



- Cyan (0%)
- Magenta (40%)
- Yellow (48%)
- Black (51%)



- Cyan (51%)
- Magenta (71%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.8100, 33.0100, 7.4900 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 88.8100, 33.0100, 7.4900 by changing the saturation by 10% instead.

■ 88.8100, 33.0100,
7.4900

■ 88.8100, 33.0100,
7.4900

■ 255.0000, -0.0000,
-0.0000

■ 65.0270, 30.9010,
7.1650

■ 139.4900, 36.9070,
8.4510

■ 41.9450, 28.1960,
6.6280

■ 165.9740, 38.4200,
8.5640

■ 19.3470, 27.0040,
6.2040

■ 193.5720, 39.6120,
8.9880

■ 5.9800, 11.9200,
4.2400

■ 218.4680, 33.9730,
6.5570

■ 0.0000, 0.0000,
0.0000

■ 238.0960, 17.2850,
0.6210

■ 254.2020, 2.2470,

-2.1770

■ 88.8100, 33.0100,
7.4900

■ 88.8100, 33.0100,
7.4900

■ 81.5720, 39.6120,
8.9880

■ 96.1620, 26.0870,
6.3030

■ 73.6330, 46.8100,
10.6980

■ 103.9870, 19.2100,
4.2820

■ 66.3950, 53.4120,
12.1960

■ 111.3390, 12.2870,
3.0950

■ 58.4560, 60.6100,
13.9060

■ 119.1640, 5.4100,
1.0740

■ 51.2180, 67.2120,
15.4040

■ 126.5160, -1.5130,
-0.1130

■ 49.7020, 68.7250,
15.5170

■ 134.3410, -8.3900,
-2.1340

■ 141.6930,
-15.3130, -3.3210

■ 148.9310,
-21.9150, -4.8190

■ 156.8700,
-29.1130, -6.5290

Harmonies

Analogous

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



89.8130, 28.9280, 15.3920



88.8100, 33.0100, 7.4900



87.4470, 29.2980, -2.3340

Triad

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



88.8100, 33.0100, 7.4900



79.9830, -19.6660, -18.0500



86.5690, -26.2270, 7.2530

Complementary

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



88.8100, 33.0100, 7.4900



101.1900, -33.0100, -7.4900

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.



77.2020, -50.4790, -4.7750



88.8100, 33.0100, 7.4900



73.3850, -47.2210, -19.7730

Square

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



88.8100, 33.0100, 7.4900



83.8730, 1.1950, -16.1570



70.1800, -62.5810, -16.7330



89.9310, -3.5790, 15.3090

Rectangle

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



88.8100, 33.0100, 7.4900



86.6370, 22.6510, -8.5250



70.1800, -62.5810, -16.7330



84.1550, -33.9290, 3.6630

Sweetspot

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



88.8100, 33.0100, 7.4900



149.2250, 12.6080, 2.7840



88.7540, 19.3890, 28.5810



73.3600, 7.7940, 1.9220



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.



88.8100, 33.0100, 7.4900



105.9110, 51.8990, 12.0830



105.8330, 25.0350, -7.6770



59.6800, 3.8970, 0.9610



50.5990, 70.5130, 16.1530



0.0000, 0.0000, 0.0000

Inverse Universe

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



101.1900, -33.0100, -7.4900



126.0890, -51.8990, -12.0830



84.1670, -25.0350, 7.6770



61.3200, -3.8970, -0.9610



76.8140, -70.2380, -15.6300



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 88.8100, 33.0100, 7.4900 looks on a white background.

Color Contrast Check

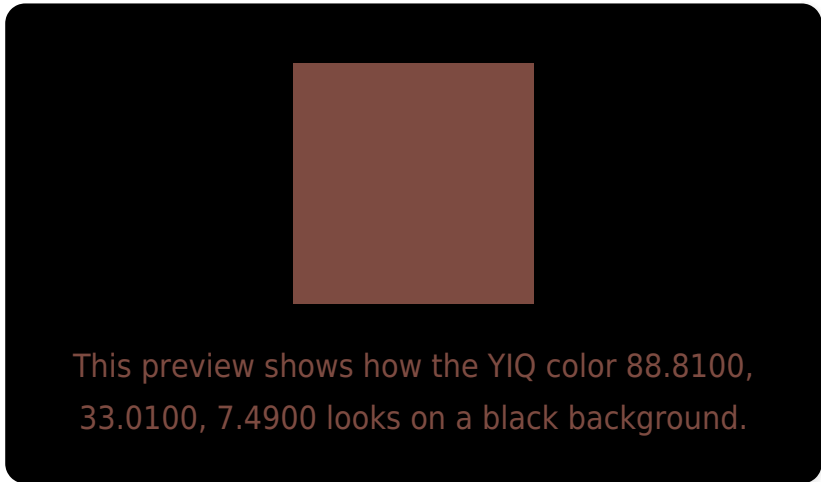
Large Text (above 18pt) WCAG AA ✓ Pass

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

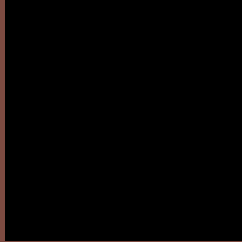
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.8100, 33.0100, 7.4900

Background



This preview shows how black text looks on a background with the YIQ color 88.8100, 33.0100, 7.4900.



This preview shows how white text looks on a background with the YIQ color 88.8100, 33.0100,

7.4900.

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

88.8100, 33.0100, 7.4900

Protanopia

87.8560, 9.0330, -4.0150

Deuteranopia

88.4720, 18.9820, -2.6020



Tritanopia

89.4170, 29.9830, 12.7910

Trichromacy



Original Color

88.8100, 33.0100, 7.4900

Protanomaly

87.9820, 17.6060, 0.3100

Deuteranomaly

88.3310, 23.9330, 1.2850

Tritanomaly

89.4340, 31.3130, 10.7130

Monochromacy



Original Color

88.8100, 33.0100, 7.4900

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.9260, 12.0120, 2.5720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.8100, 33.0100, 7.4900 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, 75, 65)` looks like.

```
.text, #text, p{  
    color:rgb(125, 75, 65)  
}
```

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, 75, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 75, 65) }
```

Border

The CSS property to change the border of an element to YIQ 88.8100, 33.0100, 7.4900 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, 75, 65) }
```


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

```
.border{ border-color:rgb(125, 75, 65) }
```

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

Here you see how a box with a 4 pixel rgb(125, 75, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 75, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 75, 65);  
box-shadow:4px 4px 4px 4px rgb(125, 75,  
65) }
```

Background

The CSS property to change the background color of an element to YIQ 88.8100, 33.0100, 7.4900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 75, 65) }
```

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

```
.background{ background-color: rgb(125, 75,  
65) }
```

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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