

Converting Colors

YIQ(85.5500, 36.6780, 7.0940)

Have a look what the booklet for
YIQ(85.5500, 36.6780, 7.0940)
contains.

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Color

**YIQ(85.5500, 36.6780,
7.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	7D4739
RGB	125, 71, 57
RGB Percent	49%, 28%, 22%
CMY	0.5097, 0.7216, 0.7763
CMYK	0.00, 0.43, 0.54, 0.51
HSL	12°, 37%, 36%
HSV	12°, 54%, 49%
XYZ	11.4532, 9.1617, 5.0408
YIQ	85.5500, 36.6780, 7.0940

Conversions

Conversions Part 2

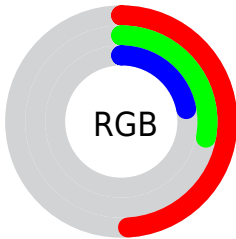
Format	Color
R_{YB}	125, 75, 57
Decimal	8210233
CIE Lab	36.29, 21.56, 18.35
CIE LCh	36, 28.310, 40.398
Yxy	9.1617, 0.4464, 0.3571
Android (android.graphics.Color)	4286400313 (0xFF7D4739)
YUV	85.5500, -14.0751, 34.5977
Hunter-Lab	30.2682, 14.5733, 11.3137

Details

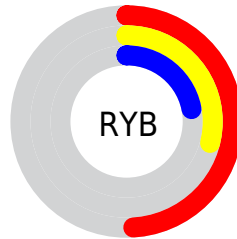
The YIQ color **85.5500, 36.6780, 7.0940** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **96.4500, -36.6780, -7.0940**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.1160, 40.8960, 7.7440**, and **38.6850, 31.8640, 6.2320** is the 20% darker color. If you saturate the color by 10%, you get **78.3120, 43.2800, 8.5920**, and if you desaturate by 10%, it is **92.9020, 29.7550, 5.9070**.

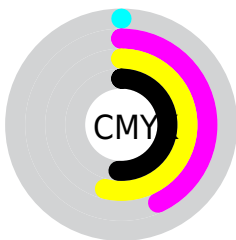
Distribution



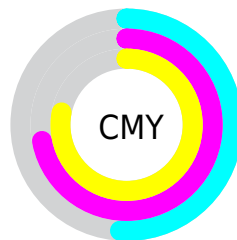
- Red (49%)
- Green (28%)
- Blue (22%)



- Red (49%)
- Yellow (29%)
- Blue (22%)



- Cyan (0%)
- Magenta (43%)
- Yellow (54%)
- Black (51%)



- Cyan (51%)
- Magenta (72%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.5500, 36.6780, 7.0940 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 85.5500, 36.6780, 7.0940 by changing the saturation by 10% instead.

85.5500, 36.6780,
7.0940

85.5500, 36.6780,
7.0940

255.0000, -0.0000,
-0.0000

61.4680, 33.9730,
6.5570

136.1160, 40.8960,
7.7440

38.6850, 31.8640,
6.2320

162.8990, 43.0050,
8.0690

16.7000, 27.5080,
8.0840

190.3830, 44.5180,
8.1820

4.1860, 8.3440,
2.9680

214.3930, 38.5580,
6.0620

0.0000, 0.0000,
0.0000

234.6080, 21.5950,
-0.3970

253.0620, 5.4570,

-5.2870

■ 85.5500, 36.6780,
7.0940

■ 85.5500, 36.6780,
7.0940

■ 78.3120, 43.2800,
8.5920

■ 92.9020, 29.7550,
5.9070

■ 70.9600, 50.2030,
9.7790

■ 100.1400, 23.1530,
4.4090

■ 63.7220, 56.8050,
11.2770

■ 107.4920, 16.2300,
3.2220

■ 56.3700, 63.7280,
12.4640

■ 114.7300, 9.6280,
1.7240

■ 52.6370, 67.3500,
12.9020

■ 122.0820, 2.7050,
0.5370

■ 129.3200, -3.8970,
-0.9610

■ 136.6720,
-10.8200, -2.1480

■ 143.3230,
-17.1470, -3.1230

■ 150.6750,
-24.0700, -4.3100

Harmonies

Analogous

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



86.4930, 32.8250, 16.3530



85.5500, 36.6780, 7.0940



84.6490, 31.5450, -4.5110

Triad

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



85.5500, 36.6780, 7.0940



74.6830, -27.6890, -21.3290



83.5520, -27.5570, 9.3310

Complementary

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



85.5500, 36.6780, 7.0940



96.4500, -36.6780, -7.0940

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.



68.5960, -66.3880, -8.3080



85.5500, 36.6780, 7.0940



67.5410, -56.5280, -21.8080

Square

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



85.5500, 36.6780, 7.0940



80.3240, -1.6930, -18.8850



69.3480, -62.9940, -14.7540



87.5940, -1.0120, 18.3480

Rectangle

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



85.5500, 36.6780, 7.0940



83.3550, 23.3850, -10.8150



69.3480, -62.9940, -14.7540



80.9420, -37.6430, 4.8930

Sweetspot

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



85.5500, 36.6780, 7.0940



147.7090, 14.1210, 2.8970



83.4880, 23.1940, 31.2100



72.5450, 8.7110, 1.8230



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.



85.5500, 36.6780, 7.0940



101.6080, 57.1260, 10.9660



105.5080, 27.3280, -10.6880



60.2670, 3.6220, 0.4380



53.5340, 69.1380, 13.5380



0.0000, 0.0000, 0.0000

Inverse Universe

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



96.4500, -36.6780, -7.0940



118.3920, -57.1260, -10.9660



76.4920, -27.3280, 10.6880



60.7330, -3.6220, -0.4380



73.8790, -68.8630, -13.0150



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 85.5500, 36.6780, 7.0940 looks on a white background.

Color Contrast Check

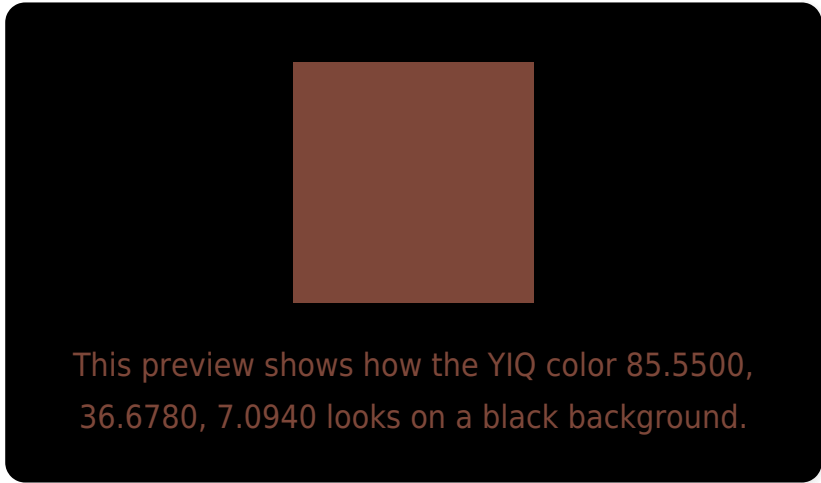
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.5500, 36.6780, 7.0940

Background



This preview shows how black text looks on a background with the YIQ color 85.5500, 36.6780, 7.0940.

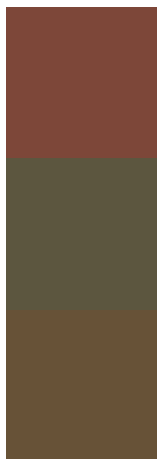


This preview shows how white text looks on a background with the YIQ color 85.5500, 36.6780,

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

85.5500, 36.6780, 7.0940

Protanopia

85.1720, 10.9590, -5.8810

Deuteranopia

85.2010, 21.1830, -3.9450



Tritanopia

86.6130, 32.3670, 13.6390

Trichromacy



Original Color

85.5500, 36.6780, 7.0940

Protanomaly

85.5970, 20.1280, -1.3440

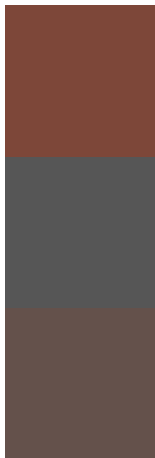
Deuteranomaly

85.3590, 26.7300, 0.1540

Tritanomaly

86.5160, 34.0180, 11.2500

Monochromacy



Original Color

85.5500, 36.6780, 7.0940

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

85.9970, 13.2500, 2.1620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.5500, 36.6780, 7.0940 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, 71, 57)` looks like.

```
.text, #text, p{  
    color:rgb(125, 71, 57)  
}
```

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, 71, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 71, 57) }
```

Border

The CSS property to change the border of an element to YIQ 85.5500, 36.6780, 7.0940 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, 71, 57) }
```


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

```
.border{ border-color:rgb(125, 71, 57) }
```

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

Here you see how a box with a 4 pixel rgb(125, 71, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 71, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 71, 57);  
box-shadow:4px 4px 4px 4px rgb(125, 71,  
57) }
```

Background

The CSS property to change the background color of an element to YIQ 85.5500, 36.6780, 7.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 71, 57) }
```

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

```
.background{ background-color: rgb(125, 71,  
57) }
```

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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