

Converting Colors

YIQ(113.3880, 27.7860, -7.9740)

Have a look what the booklet for
YIQ(113.3880, 27.7860, -7.9740)
contains.

YIQ(113.3880, 27.7860, -7.9740)	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(113.3880, 27.7860,
-7.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	876F45
RGB	135, 111, 69
RGB Percent	53%, 44%, 27%
CMY	0.4706, 0.5647, 0.7293
CMYK	0.00, 0.18, 0.49, 0.47
HSL	38°, 32%, 40%
HSV	38°, 49%, 53%
XYZ	16.7516, 16.9483, 8.0246
YIQ	113.3880, 27.7860, -7.9740

Conversions

Conversions Part 2

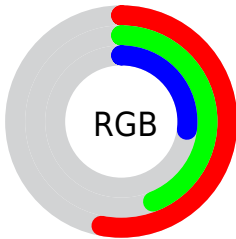
Format	Color
R_{YB}	107, 135, 69
Decimal	8875845
CIE Lab	48.19, 3.63, 26.83
CIE LCh	48, 27.073, 82.290
Yxy	16.9483, 0.4015, 0.4062
Android (android.graphics.Color)	4287065925 (0xFF876F45)
YUV	113.3880, -21.8833, 18.9537
Hunter-Lab	41.1683, 0.5878, 17.2609

Details

The YIQ color **113.3880, 27.7860, -7.9740** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **90.6120, -27.7860, 7.9740**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9430, 30.5370, -8.2710**, and **65.1210, 24.1640, -8.4120** is the 20% darker color. If you saturate the color by 10%, you get **108.9710, 33.3340, -9.4020**, and if you desaturate by 10%, it is **117.9190, 21.9170, -6.2350**.

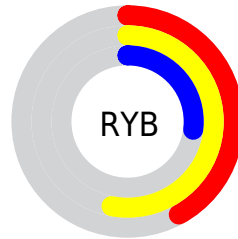
Distribution



Red (53%)

Green (44%)

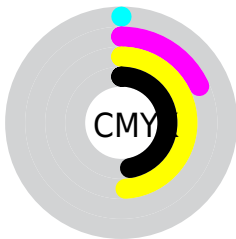
Blue (27%)



Red (42%)

Yellow (53%)

Blue (27%)

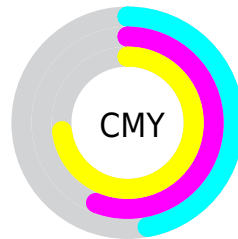


Cyan (0%)

Magenta (18%)

Yellow (49%)

Black (47%)



Cyan (47%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.3880, 27.7860, -7.9740 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 113.3880, 27.7860, -7.9740 by changing the saturation by 10% instead.

■ 113.3880, 27.7860,
-7.9740

■ 113.3880, 27.7860,
-7.9740

■ 255.0000, -0.0000,
-0.0000

■ 88.9040, 26.2730,
-8.0870

■ 165.9430, 30.5370,
-8.2710

■ 65.1210, 24.1640,
-8.4120

■ 193.1280, 31.4540,
-8.3700

■ 42.2950, 23.6140,
-9.4580

■ 220.7260, 32.6460,
-7.9460

■ 23.3790, 14.8100,
-4.0860

■ 243.2190, 20.7720,
-13.0200

■ 0.0000, 0.0000,
0.0000

■ 251.6940, 9.3090,
-9.0190

■ 113.3880, 27.7860,
-7.9740

■ 113.3880, 27.7860,
-7.9740

■ 108.9710, 33.3340,
-9.4020

■ 117.9190, 21.9170,
-6.2350

■ 104.4400, 39.2030,
-11.1410

■ 122.3360, 16.3690,
-4.8070

■ 100.0230, 44.7510,
-12.5690

■ 126.8670, 10.5000,
-3.0680

■ 95.4920, 50.6200,
-14.3080

■ 131.2840, 4.9520,
-1.6400

■ 91.0750, 56.1680,
-15.7360

■ 135.8150, -0.9170,
0.0990

■ 90.8470, 56.8100,
-16.3580

■ 139.6450, -6.1900,
2.0500

■ 144.1760,
-12.0590, 3.7890

■ 148.5930,

-17.6070, 5.2170

■ 153.1240,
-23.4760, 6.9560

Harmonies

Analogous

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



114.9150, 36.9080, 2.9240



113.3880, 27.7860, -7.9740



110.8480, 11.5110, -15.8890

Triad

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



113.3880, 27.7860, -7.9740



98.1540, -59.6920, -19.5320



118.0250, 8.0200, 19.8600

Complementary

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



113.3880, 27.7860, -7.9740



90.6120, -27.7860, 7.9740

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.



115.6460, -15.9580, 13.8820



113.3880, 27.7860, -7.9740



100.3530, -61.3900, -10.7820

Square

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



113.3880, 27.7860, -7.9740



103.3170, -35.3460, -20.2260



108.9200, -40.5770, 2.9990



117.0780, 26.8640, 19.7600

Rectangle

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



113.3880, 27.7860, -7.9740



109.1390, -2.6100, -18.7860



108.9200, -40.5770, 2.9990



117.0780, 0.5010, 18.4610

Sweetspot

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



113.3880, 27.7860, -7.9740



167.1660, 11.0960, -2.8560



91.4700, 31.6320, 21.4560



83.6540, 6.7860, -1.8380



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



113.3880, 27.7860, -7.9740



141.8380, 43.8340, -12.4700



124.7850, 15.8220, -22.4340



64.1420, 2.4760, -0.8200



87.5910, 54.6550, -15.8490



2.0710, 1.2380, -0.4100

Inverse Universe

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



90.6120, -27.7860, 7.9740



106.1620, -43.8340, 12.4700



79.2150, -15.8220, 22.4340



61.8580, -2.4760, 0.8200



42.4090, -54.6550, 15.8490



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 113.3880, 27.7860, -7.9740 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 × Fail

Black Background



This preview shows how the YIQ color 113.3880, 27.7860, -7.9740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 113.3880, 27.7860, -7.9740

Background



This preview shows how black text looks on a background with the YIQ color 113.3880, 27.7860, -7.9740.



This preview shows how white text looks on a background with the YIQ color 113.3880, 27.7860,

-7.9740.

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

113.3880, 27.7860, -7.9740

Protanopia

112.8600, 20.4050, -11.8750

Deuteranopia

113.4100, 30.7200, -6.0800



Tritanopia

116.7790, 17.1000, 9.4840

Trichromacy



Original Color

113.3880, 27.7860, -7.9740

Protanomaly

113.4690, 23.0640, -10.5040

Deuteranomaly

113.6980, 29.8490, -6.8150

Tritanomaly

115.8300, 21.0900, 3.2500

Monochromacy



Original Color

113.3880, 27.7860, -7.9740

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9810, 10.1790, -2.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3880, 27.7860, -7.9740 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(135, 111, 69)` looks like.

```
.text, #text, p{  
    color:rgb(135, 111, 69)  
}
```

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(135, 111, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 111, 69) }
```

Border

The CSS property to change the border of an element to YIQ 113.3880, 27.7860, -7.9740 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(135, 111, 69) }
```


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

```
.border{ border-color:rgb(135, 111, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 111, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 111, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 111, 69);  
box-shadow:4px 4px 4px 4px rgb(135, 111,  
69) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3880, 27.7860, -7.9740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 111, 69) }
```

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

```
.background{ background-color: rgb(135,  
111, 69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor