

Converting Colors

YIQ(89.3880, 27.7860, -7.9740)

Have a look what the booklet for
YIQ(89.3880, 27.7860, -7.9740)
contains.

YIQ(89.3880, 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(89.3880, 27.7860,
-7.9740)**

Conversions

Conversions Part 1

Format	Color
Hex	6F572D
RGB	111, 87, 45
RGB Percent	44%, 34%, 18%
CMY	0.5647, 0.6589, 0.8234
CMYK	0.00, 0.22, 0.59, 0.56
HSL	38°, 42%, 31%
HSV	38°, 59%, 44%
XYZ	10.4383, 10.3845, 3.9406
YIQ	89.3880, 27.7860, -7.9740

Conversions

Conversions Part 2

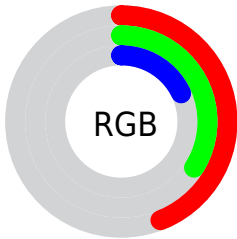
Format	Color
RYB	83, 111, 45
Decimal	7296813
CIELab	38.52, 4.43, 27.85
CIELCh	39, 28.201, 80.972
Yxy	10.3845, 0.4215, 0.4194
Android (android.graphics.Color)	4285486893 (0xFF6F572D)
YUV	89.3880, -21.8833, 18.9537
Hunter-Lab	32.2250, 1.4257, 15.3074

Details

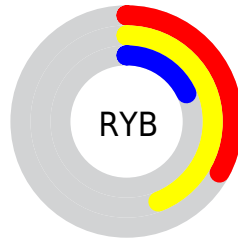
The YIQ color **89.3880, 27.7860, -7.9740** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **66.6120, -27.7860, 7.9740**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.2420, 31.1330, -8.0590**, and **42.8930, 24.8060, -9.0340** is the 20% darker color. If you saturate the color by 10%, you get **85.7860, 32.4170, -9.3030**, and if you desaturate by 10%, it is **92.9900, 23.1550, -6.6450**.

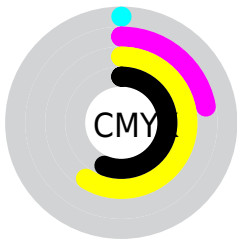
Distribution



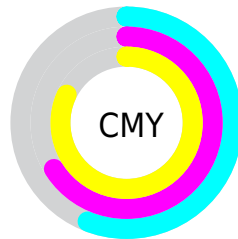
- Red (44%)
- Green (34%)
- Blue (18%)



- Red (33%)
- Yellow (44%)
- Blue (18%)



- Cyan (0%)
- Magenta (22%)
- Yellow (59%)
- Black (56%)



- Cyan (56%)
- Magenta (66%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.3880, 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 89.3880, 27.7860, -7.9740 by changing the saturation by 10% instead.

■ 89.3880, 27.7860,
-7.9740

■ 89.3880, 27.7860,
-7.9740

■ 255.0000, -0.0000,
-0.0000

■ 65.6050, 25.6770,
-8.2990

■ 140.2420, 31.1330,
-8.0590

■ 42.8930, 24.8060,
-9.0340

■ 166.4270, 32.0500,
-8.1580

■ 23.9770, 16.0020,
-3.6620

■ 193.9110, 33.5630,
-8.0450

■ 0.0000, 0.0000,
0.0000

■ 222.0960, 34.4800,
-8.1440

■ 243.1050, 21.0930,
-13.3310

■ 251.5800, 9.6300,

-9.3300

254.8860, 0.3210,
-0.3110

■ 89.3880, 27.7860,
-7.9740

■ 89.3880, 27.7860,
-7.9740

■ 85.7860, 32.4170,
-9.3030

■ 92.9900, 23.1550,
-6.6450

■ 82.1840, 37.0480,
-10.6320

■ 96.5920, 18.5240,
-5.3160

■ 78.5820, 41.6790,
-11.9610

■ 100.1940, 13.8930,
-3.9870

■ 74.9800, 46.3100,
-13.2900

■ 103.7960, 9.2620,
-2.6580

■ 74.8660, 46.6310,
-13.6010

■ 107.5120, 4.3100,
-1.0180

■ 111.1140, -0.3210,
0.3110

■ 114.7160, -4.9520,
1.6400

■ 118.3180, -9.5830,
2.9690

■ 121.9200,
-14.2140, 4.2980

Harmonies

Analogous

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



90.7300, 35.9910, 3.0230



89.3880, 27.7860, -7.9740



87.1470, 12.1070, -15.6770

Triad

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



89.3880, 27.7860, -7.9740



71.9580, -62.0760, -20.3800



93.5410, 6.5070, 19.7470

Complementary

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



89.3880, 27.7860, -7.9740



66.6120, -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.



90.7490, -17.7460, 13.2460



89.3880, 27.7860, -7.9740



73.0640, -67.9460, -13.1140

Square

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



89.3880, 27.7860, -7.9740



77.4090, -38.6010, -21.8090



82.6310, -47.1330, 0.6670



93.0070, 25.6260, 20.1700

Rectangle

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



89.3880, 27.7860, -7.9740



85.3240, -1.6930, -18.8850



82.6310, -47.1330, 0.6670



93.4800, -0.6910, 18.0370

Sweetspot

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



89.3880, 27.7860, -7.9740



136.7530, 10.8210, -3.3790



67.4700, 31.6320, 21.4560



68.6540, 6.7860, -1.8380



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



89.3880, 27.7860, -7.9740



111.5390, 43.2380, -12.6820



100.7850, 15.8220, -22.4340



54.1420, 2.4760, -0.8200



80.4920, 50.6200, -14.3080



166.0120, 104.0370, -29.7470

Inverse Universe

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



66.6120, -27.7860, 7.9740



76.0480, -43.5130, 12.1590



55.2150, -15.8220, 22.4340



52.4450, -2.7510, 0.2970



39.5080, -50.6200, 14.3080



80.9880, -104.0370, 29.7470

Previews

White Background



This preview shows how the YIQ color 89.3880, 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 89.3880, 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 89.3880, 27.7860, -7.9740

Background



This preview shows how black text looks on a background with the YIQ color 89.3880, 27.7860, -7.9740.



This preview shows how white text looks on a background with the YIQ color 89.3880, 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

89.3880, 27.7860, -7.9740

Protanopia

88.5610, 19.8090, -12.0870

Deuteranopia

89.6870, 28.3820, -7.7620



Tritanopia

92.5510, 17.7420, 8.8620

Trichromacy



Original Color

89.3880, 27.7860, -7.9740

Protanomaly

89.1700, 22.4680, -10.7160

Deuteranomaly

89.6870, 28.3820, -7.7620

Tritanomaly

91.6020, 21.7320, 2.6280

Monochromacy



Original Color

89.3880, 27.7860, -7.9740

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

88.9810, 10.1790, -2.7570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.3880, 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(111, 87, 45)` looks like.

```
.text, #text, p{  
    color:rgb(111, 87, 45)  
}
```

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(111, 87, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 87, 45) }
```

Border

The CSS property to change the border of an element to YIQ 89.3880, 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(111, 87, 45) }
```


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

```
.border{ border-color:rgb(111, 87, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 87, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 87, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 87, 45);  
box-shadow:4px 4px 4px 4px rgb(111, 87,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 89.3880, 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(111, 87, 45) }
```

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

```
.background{ background-color: rgb(111, 87,  
45) }
```

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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