

Converting Colors

YIQ(73.7960, 44.7930, 8.7050)

Have a look what the booklet for
YIQ(73.7960, 44.7930, 8.7050)
contains.

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Color

**YIQ(73.7960, 44.7930,
8.7050)**

Conversions

Conversions Part 1

Format	Color
Hex	7A3827
RGB	122, 56, 39
RGB Percent	48%, 22%, 15%
CMY	0.5214, 0.7805, 0.8469
CMYK	0.00, 0.54, 0.68, 0.52
HSL	12°, 52%, 32%
HSV	12°, 68%, 48%
XYZ	9.8112, 7.1128, 2.7795
YIQ	73.7960, 44.7930, 8.7050

Conversions

Conversions Part 2

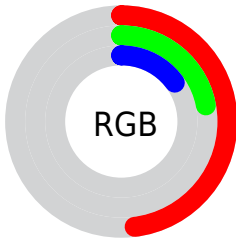
Format	Color
R_{YB}	122, 60, 39
Decimal	8009767
CIE Lab	32.06, 27.38, 23.98
CIE LCh	32, 36.397, 41.207
Yxy	7.1128, 0.4979, 0.3610
Android (android.graphics.Color)	4286199847 (0xFF7A3827)
YUV	73.7960, -17.1544, 42.2749
Hunter-Lab	26.6698, 18.9938, 12.4897

Details

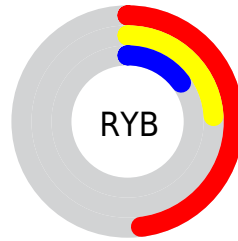
The YIQ color **73.7960, 44.7930, 8.7050** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **87.2040, -44.7930, -8.7050**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5470, 49.9280, 9.2560**, and **25.0280, 38.3280, 10.2320** is the 20% darker color. If you saturate the color by 10%, you get **66.5580, 51.3950, 10.2030**, and if you desaturate by 10%, it is **81.0340, 38.1910, 7.2070**.

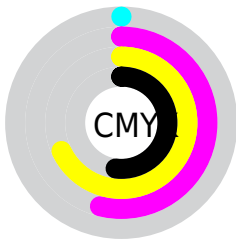
Distribution



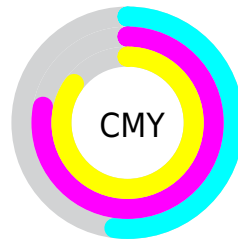
- Red (48%)
- Green (22%)
- Blue (15%)



- Red (48%)
- Yellow (24%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (68%)
- Black (52%)



- Cyan (52%)
- Magenta (78%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.7960, 44.7930, 8.7050 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 73.7960, 44.7930, 8.7050 by changing the saturation by 10% instead.

■ 73.7960, 44.7930,
8.7050

■ 73.7960, 44.7930,
8.7050

255.0000, -0.0000,
-0.0000

■ 49.8280, 41.7670,
8.4790

■ 124.5470, 49.9280,
9.2560

■ 25.3270, 38.9240,
10.4440

■ 150.6290, 52.6330,
9.7930

■ 13.1560, 26.2240,
9.3280

■ 178.2980, 55.0630,
9.8070

■ 0.0000, 0.0000,
0.0000

■ 202.6070, 49.6990,
7.8990

■ 222.1210, 33.3320,
1.6520

■ 241.7490, 16.6440,

-4.2840

253.7460, 3.5310,
-3.4210

73.7960, 44.7930,
8.7050

73.7960, 44.7930,
8.7050

66.5580, 51.3950,
10.2030

81.0340, 38.1910,
7.2070

59.9070, 57.7220,
11.1780

87.6850, 31.8640,
6.2320

52.5550, 64.6450,
12.3650

95.0370, 24.9410,
5.0450

51.1530, 65.8370,
12.7890

102.2750, 18.3390,
3.5470

109.5130, 11.7370,
2.0490

■ 116.1640, 5.4100,
1.0740

■ 123.4020, -1.1920,
-0.4240

■ 130.7540, -8.1150,
-1.6110

■ 137.4050,
-14.4420, -2.5860

Harmonies

Analogous

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



74.5590, 41.6270, 22.0350



73.7960, 44.7930, 8.7050



72.7760, 38.3770, -7.1830

Triad

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



73.7960, 44.7930, 8.7050



58.0400, -42.1760, -28.6080



70.7340, -39.7530, 10.0950

Complementary

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



73.7960, 44.7930, 8.7050



87.2040, -44.7930, -8.7050

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.



63.4270, -64.2340, -3.2900



73.7960, 44.7930, 8.7050



62.0470, -52.0810, -19.8010

Square

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



73.7960, 44.7930, 8.7050



67.3790, -3.5260, -24.2140



64.4240, -60.1520, -11.1920



77.7560, -1.2880, 23.3520

Rectangle

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



73.7960, 44.7930, 8.7050



71.4170, 28.8420, -16.1020



64.4240, -60.1520, -11.1920



60.9480, -64.1430, 0.5690

Sweetspot

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



73.7960, 44.7930, 8.7050



139.6770, 17.1470, 3.1230



71.3410, 28.2820, 38.1220



68.0290, 10.2240, 1.9360



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



73.7960, 44.7930, 8.7050



82.7190, 70.0550, 13.4390



97.8630, 33.5180, -12.7380



57.3810, 3.3010, 0.7490



52.0500, 67.6250, 13.4250



105.2850, 136.1670, 26.7510

Inverse Universe

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



87.2040, -44.7930, -8.7050



103.8680, -70.3300, -13.9620



63.1370, -33.5180, 12.7380



58.6190, -3.3010, -0.7490



72.3630, -67.3500, -12.9020



146.7150, -136.1670, -26.7510

Previews

White Background



This preview shows how the YIQ color 73.7960, 44.7930, 8.7050 looks on a white background.

Color Contrast Check

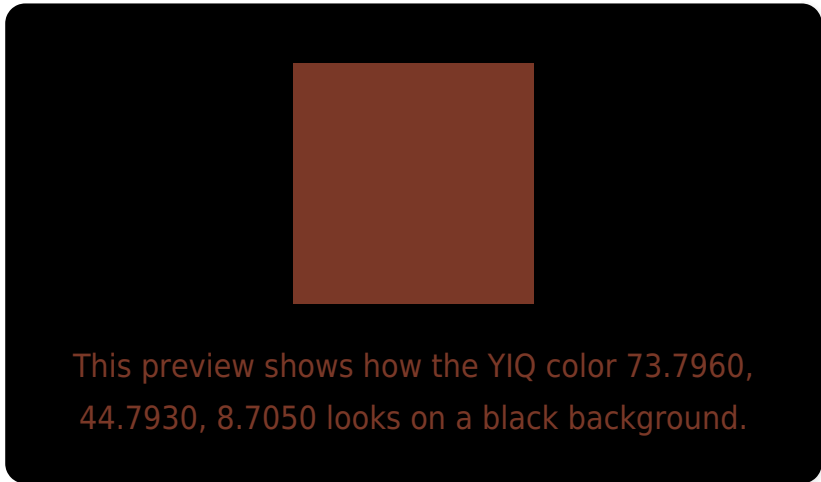
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.7960, 44.7930, 8.7050

Background



This preview shows how black text looks on a background with the YIQ color 73.7960, 44.7930, 8.7050.



This preview shows how white text looks on a background with the YIQ color 73.7960, 44.7930,

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

73.7960, 44.7930, 8.7050

Protanopia

74.6730, 13.8020, -7.8460

Deuteranopia

75.0610, 24.3930, -7.0550



Tritanopia

74.9730, 40.1610, 15.5610

Trichromacy



Original Color

73.7960, 44.7930, 8.7050

Protanomaly

74.4080, 25.0340, -2.1500

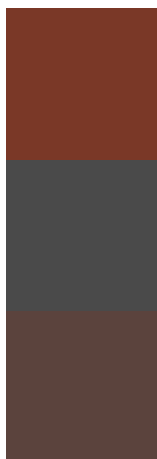
Deuteranomaly

74.6430, 31.6820, -1.4860

Tritanomaly

74.7620, 42.1330, 12.8610

Monochromacy



Original Color

73.7960, 44.7930, 8.7050

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.4920, 16.2300, 3.2220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.7960, 44.7930, 8.7050 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(122, 56, 39)` looks like.

```
.text, #text, p{  
    color:rgb(122, 56, 39)  
}
```

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(122, 56, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 56, 39) }
```

Border

The CSS property to change the border of an element to YIQ 73.7960, 44.7930, 8.7050 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(122, 56, 39) }
```


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

```
.border{ border-color:rgb(122, 56, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 56, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 56, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 56, 39);  
box-shadow:4px 4px 4px 4px rgb(122, 56,  
39) }
```

Background

The CSS property to change the background color of an element to YIQ 73.7960, 44.7930, 8.7050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 56, 39) }
```

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

```
.background{ background-color: rgb(122, 56,  
39) }
```

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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