

Converting Colors

YIQ(73.2700, 43.0980, 0.8740)

Have a look what the booklet for
YIQ(73.2700, 43.0980, 0.8740)
contains.

| | |
|--|----|
| YIQ(73.2700, 43.0980, 0.8740) | 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(73.2700, 43.0980,
0.8740)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 733D1B |
| RGB | 115, 61, 27 |
| RGB Percent | 45%, 24%, 11% |
| CMY | 0.5489, 0.7609, 0.8939 |
| CMYK | 0.00, 0.47, 0.76, 0.55 |
| HSL | 23°, 62%, 28% |
| HSV | 23°, 76%, 45% |
| XYZ | 8.9398, 7.0611, 1.9317 |
| YIQ | 73.2700, 43.0980, 0.8740 |

Conversions

Conversions Part 2

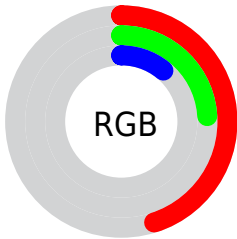
| Format | Color |
|-------------------------------------|--|
| RYB | 115, 82, 27 |
| Decimal | 7552283 |
| CIELab | 31.95, 20.72, 30.50 |
| CIElCh | 32, 36.877, 55.806 |
| Yxy | 7.0611, 0.4985, 0.3938 |
| Android (android.graphics.Color) | 4285742363 (0xFF733D1B) |
| YUV | 73.2700, -22.8111, 36.5972 |
| Hunter-Lab | 26.5728, 13.5498, 14.2908 |

Details

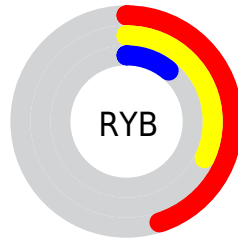
The YIQ color **73.2700, 43.0980, 0.8740** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **68.7300, -43.0980, -0.8740**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.3200, 48.8290, 1.6370**, and **28.5170, 32.2770, 4.2530** is the 20% darker color. If you saturate the color by 10%, you get **67.9070, 48.5540, 1.1140**, and if you desaturate by 10%, it is **78.7470, 37.3210, 0.9450**.

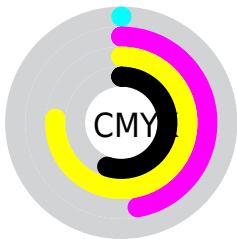
Distribution



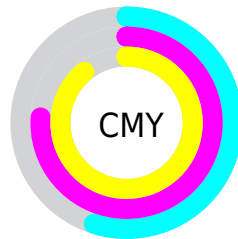
- Red (45%)
- Green (24%)
- Blue (11%)



- Red (45%)
- Yellow (32%)
- Blue (11%)



- Cyan (0%)
- Magenta (47%)
- Yellow (76%)
- Black (55%)



- Cyan (55%)
- Magenta (76%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.2700, 43.0980, 0.8740 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 73.2700, 43.0980, 0.8740 by changing the saturation by 10% instead.

73.2700, 43.0980,
0.8740

73.2700, 43.0980,
0.8740

255.0000, -0.0000,
-0.0000

48.9600, 41.0350,
-0.2850

123.3200, 48.8290,
1.6370

28.5170, 32.2770,
4.2530

150.1030, 50.9380,
1.9620

11.3620, 22.6480,
8.0560

176.8860, 53.0470,
2.2870

0.0000, 0.0000,
0.0000

203.4730, 52.7720,
1.7640

222.9870, 36.4050,
-4.4830

243.0880, 19.7630,

-11.2530

252.1500, 8.0250,
-7.7750

73.2700, 43.0980,
0.8740

73.2700, 43.0980,
0.8740

67.9070, 48.5540,
1.1140

78.7470, 37.3210,
0.9450

62.4300, 54.3310,
1.0430

84.1100, 31.8650,
0.7050

60.2130, 56.4400,
1.3680

89.5870, 26.0880,
0.7760

94.9500, 20.6320,
0.5360

100.4270, 14.8550,
0.6070

■ 105.7900, 9.3990,
0.3670

■ 111.2670, 3.6220,
0.4380

■ 117.2170, -2.1090,
-0.3250

■ 122.6940, -7.8860,
-0.2540

Harmonies

Analogous

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



73.2510, 45.2500, 16.9460



73.2700, 43.0980, 0.8740



71.6240, 32.6930, -14.3070

Triad

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



73.2700, 43.0980, 0.8740



60.2230, -46.9450, -24.7770



75.3130, -19.2140, 17.8260

Complementary

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



73.2700, 43.0980, 0.8740



68.7300, -43.0980, -0.8740

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.



62.1220, -64.6930, -0.4770



73.2700, 43.0980, 0.8740



63.6430, -56.5750, -15.4470

Square

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



73.2700, 43.0980, 0.8740



62.9300, -21.3150, -26.7150



64.5040, -63.1330, -6.7250



77.4650, 12.8330, 26.2490

Rectangle

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



73.2700, 43.0980, 0.8740



69.9920, 19.6730, -20.6390



64.5040, -63.1330, -6.7250



72.4360, -32.9220, 12.9500

Sweetspot

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



73.2700, 43.0980, 0.8740



133.7970, 16.6890, 0.4090



59.4680, 35.1140, 35.4500



66.2740, 10.9120, 0.4800



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



73.2700, 43.0980, 0.8740



84.3730, 67.6730, 1.5370



99.0980, 30.9980, -22.1380



55.9680, 3.0260, 0.2260



64.0670, 59.7870, 1.2830



131.1020, 122.6000, 2.7920

Inverse Universe

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



68.7300, -43.0980, -0.8740



77.6270, -67.6730, -1.5370



42.9020, -30.9980, 22.1380



55.4450, -2.7510, 0.2970



57.9330, -59.7870, -1.2830



118.8980, -122.6000, -2.7920

Previews

White Background



This preview shows how the YIQ color 73.2700, 43.0980, 0.8740 looks on a white background.

Color Contrast Check

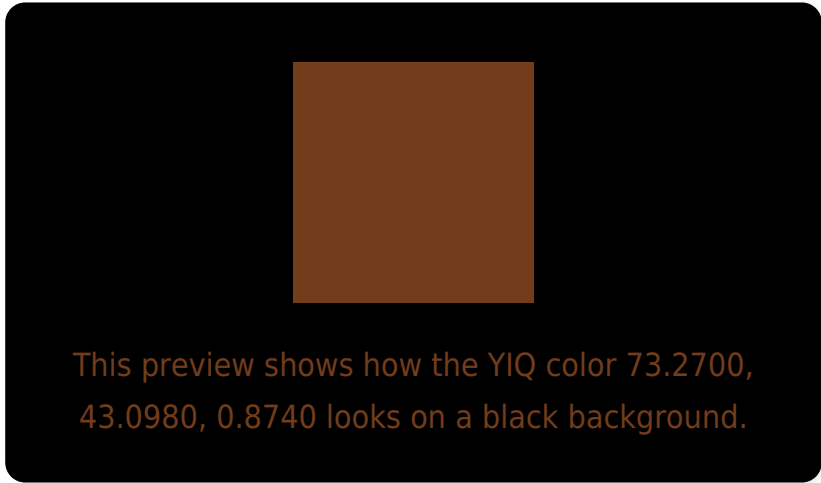
Large Text (above 18pt) WCAG AA ✓ Pass

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

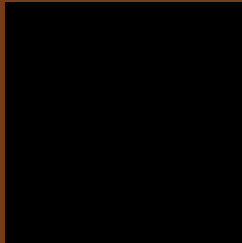
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.2700, 43.0980, 0.8740

Background



This preview shows how black text looks on a background with the YIQ color 73.2700, 43.0980, 0.8740.



This preview shows how white text looks on a background with the YIQ color 73.2700, 43.0980,

0.8740.

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

73.2700, 43.0980, 0.8740

Protanopia

73.2620, 19.2130, -12.2990

Deuteranopia

73.4050, 29.1160, -10.0520



Tritanopia

75.3960, 34.4760, 13.9640

Trichromacy



Original Color

73.2700, 43.0980, 0.8740

Protanomaly

73.5020, 27.4650, -7.6630

Deuteranomaly

73.2640, 34.0670, -6.1650

Tritanomaly

74.3160, 37.4570, 9.4970

Monochromacy



Original Color

73.2700, 43.0980, 0.8740

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.1990, 15.4970, -0.0150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.2700, 43.0980, 0.8740 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(115, 61, 27)` looks like.

```
.text, #text, p{  
    color:rgb(115, 61, 27)  
}
```

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(115, 61, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 61, 27) }
```

Border

The CSS property to change the border of an element to YIQ 73.2700, 43.0980, 0.8740 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(115, 61, 27) }
```


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

```
.border{ border-color:rgb(115, 61, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 61, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 61, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 61, 27);  
box-shadow:4px 4px 4px 4px rgb(115, 61,  
27) }
```

Background

The CSS property to change the background color of an element to YIQ 73.2700, 43.0980, 0.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 61, 27) }
```

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

```
.background{ background-color: rgb(115, 61,  
27) }
```

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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