

Converting Colors

YIQ(70.5360, 48.4610, 8.3090)

Have a look what the booklet for
YIQ(70.5360, 48.4610, 8.3090)
contains.

YIQ(70.5360, 48.4610, 8.3090)	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(70.5360, 48.4610,
8.3090)**

Conversions

Conversions Part 1

Format	Color
Hex	7A341F
RGB	122, 52, 31
RGB Percent	48%, 20%, 12%
CMY	0.5214, 0.7962, 0.8782
CMYK	0.00, 0.57, 0.75, 0.52
HSL	14°, 59%, 30%
HSV	14°, 75%, 48%
XYZ	9.5063, 6.6930, 2.0908
YIQ	70.5360, 48.4610, 8.3090

Conversions

Conversions Part 2

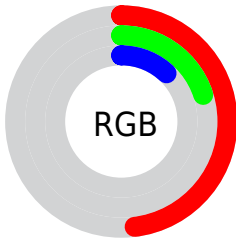
Format	Color
R_{YB}	122, 58, 31
Decimal	8008735
CIE Lab	31.10, 29.09, 27.65
CIE LCh	31, 40.128, 43.546
Yxy	6.6930, 0.5197, 0.3659
Android (android.graphics.Color)	4286198815 (0xFF7A341F)
YUV	70.5360, -19.4912, 45.1339
Hunter-Lab	25.8708, 20.3162, 13.3178

Details

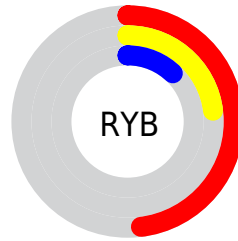
The YIQ color **70.5360, 48.4610, 8.3090** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **82.4640, -48.4610, -8.3090**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **121.4720, 54.5130, 8.7610**, and **21.7940, 39.1070, 12.6350** is the 20% darker color. If you saturate the color by 10%, you get **63.8850, 54.7880, 9.2840**, and if you desaturate by 10%, it is **77.1870, 42.1340, 7.3340**.

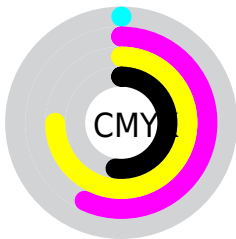
Distribution



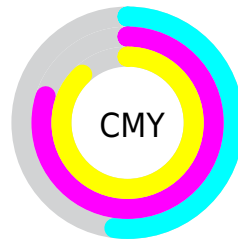
- Red (48%)
- Green (20%)
- Blue (12%)



- Red (48%)
- Yellow (23%)
- Blue (12%)



- Cyan (0%)
- Magenta (57%)
- Yellow (75%)
- Black (52%)



- Cyan (52%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.5360, 48.4610, 8.3090 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 70.5360, 48.4610, 8.3090 by changing the saturation by 10% instead.

70.5360, 48.4610,
8.3090

70.5360, 48.4610,
8.3090

255.0000, -0.0000,
-0.0000

45.5680, 45.4350,
8.0830

121.4720, 54.5130,
8.7610

21.7940, 39.1070,
12.6350

147.5540, 57.2180,
9.2980

13.2700, 25.9030,
9.6390

175.2230, 59.6480,
9.3120

0.0000, 0.0000,
0.0000

199.1190, 54.0090,
6.8810

218.6330, 37.6420,
0.6340

238.2610, 20.9540,

-5.3020

■ 252.6060, 6.7410,
-6.5310

■ 70.5360, 48.4610,
8.3090

■ 70.5360, 48.4610,
8.3090

■ 63.8850, 54.7880,
9.2840

■ 77.1870, 42.1340,
7.3340

■ 56.6470, 61.3900,
10.7820

■ 84.4250, 35.5320,
5.8360

■ 52.9140, 65.0120,
11.2200

■ 91.1900, 28.8840,
5.1720

■ 98.4280, 22.2820,
3.6740

■ 105.0790, 15.9550,
2.6990

■ 111.7300, 9.6280,
1.7240

■ 118.9680, 3.0260,
0.2260

■ 125.7330, -3.6220,
-0.4380

■ 132.9710,
-10.2240, -1.9360

Harmonies

Analogous

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



70.0650, 46.0740, 24.0420



70.5360, 48.4610, 8.3090



69.6360, 41.5870, -10.2930

Triad

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



70.5360, 48.4610, 8.3090



57.2250, -41.2590, -28.7070



67.4070, -43.1460, 11.0140

Complementary

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



70.5360, 48.4610, 8.3090



82.4640, -48.4610, -8.3090

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.



63.2960, -65.2430, -1.5230



70.5360, 48.4610, 8.3090



61.5740, -52.1270, -18.9670

Square

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



70.5360, 48.4610, 8.3090



63.1180, -7.2850, -27.6770



63.7060, -60.8860, -8.9020



75.4190, 1.2790, 26.3910

Rectangle

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



70.5360, 48.4610, 8.3090



68.2660, 30.5850, -20.1590



63.7060, -60.8860, -8.9020



60.1160, -64.5560, 2.5480

Sweetspot

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



70.5360, 48.4610, 8.3090



138.1610, 18.6600, 3.2360



66.3030, 31.4450, 41.3730



67.2140, 11.1410, 1.8370



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.



70.5360, 48.4610, 8.3090



78.5300, 74.9610, 12.6330



96.3640, 36.3610, -14.7030



57.3810, 3.3010, 0.7490



54.3980, 66.5250, 11.3330



109.3940, 134.2420, 23.0900

Inverse Universe

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



82.4640, -48.4610, -8.3090



97.0570, -75.2360, -13.1560



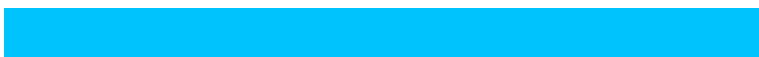
56.6360, -36.3610, 14.7030



58.6190, -3.3010, -0.7490



70.6020, -66.5250, -11.3330



142.6060, -134.2420, -23.0900

Previews

White Background



This preview shows how the YIQ color 70.5360, 48.4610, 8.3090 looks on a white background.

Color Contrast Check

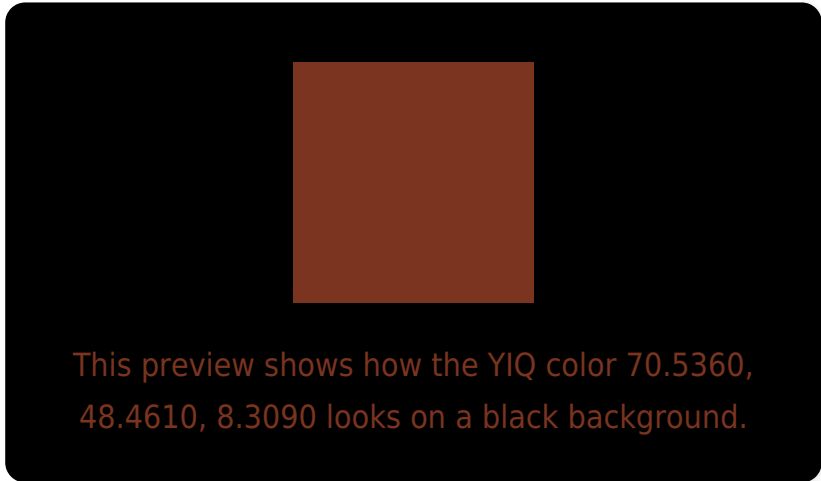
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.5360, 48.4610, 8.3090

Background



This preview shows how black text looks on a background with the YIQ color 70.5360, 48.4610, 8.3090.



This preview shows how white text looks on a background with the YIQ color 70.5360, 48.4610,

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

70.5360, 48.4610, 8.3090

Protanopia

72.2880, 16.3240, -9.5000

Deuteranopia

71.6760, 26.9150, -8.7090



Tritanopia

71.5820, 42.8200, 16.9320

Trichromacy



Original Color

70.5360, 48.4610, 8.3090

Protanomaly

71.7350, 28.4270, -3.0690

Deuteranomaly

70.9700, 35.0750, -2.4050

Tritanomaly

71.2570, 45.1130, 13.9210

Monochromacy



Original Color

70.5360, 48.4610, 8.3090

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.8620, 18.0640, 3.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.5360, 48.4610, 8.3090 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, 52, 31)` looks like.

```
.text, #text, p{  
    color:rgb(122, 52, 31)  
}
```

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, 52, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 52, 31) }
```

Border

The CSS property to change the border of an element to YIQ 70.5360, 48.4610, 8.3090 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, 52, 31) }
```


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

```
.border{ border-color:rgb(122, 52, 31) }
```

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

Here you see how a box with a 4 pixel rgb(122, 52, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 52, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 52, 31);  
box-shadow:4px 4px 4px 4px rgb(122, 52,  
31) }
```

Background

The CSS property to change the background color of an element to YIQ 70.5360, 48.4610, 8.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 52, 31) }
```

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

```
.background{ background-color: rgb(122, 52,  
31) }
```

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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