

Converting Colors

YIQ(68.2870, 44.4280, -1.2040)

Have a look what the booklet for
YIQ(68.2870, 44.4280, -1.2040)
contains.

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Color

**YIQ(68.2870, 44.4280,
-1.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	6E3911
RGB	110, 57, 17
RGB Percent	43%, 22%, 7%
CMY	0.5685, 0.7765, 0.9331
CMYK	0.00, 0.48, 0.84, 0.57
HSL	26°, 73%, 25%
HSV	26°, 84%, 43%
XYZ	7.9972, 6.2813, 1.3234
YIQ	68.2870, 44.4280, -1.2040

Conversions

Conversions Part 2

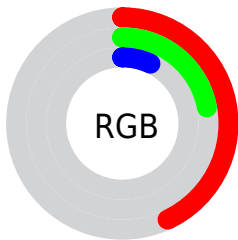
Format	Color
R _Y B	110, 87, 17
Decimal	7223569
CIE Lab	30.11, 20.34, 33.52
CIE LCh	30, 39.208, 58.748
Yxy	6.2813, 0.5126, 0.4026
Android (android.graphics.Color)	4285413649 (0xFF6E3911)
YUV	68.2870, -25.2845, 36.5823
Hunter-Lab	25.0626, 13.0981, 14.4131

Details

The YIQ color **68.2870, 44.4280, -1.2040** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **58.7130, -44.4280, 1.2040**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **118.4510, 49.8380, -0.1300**, and **24.6740, 30.3970, 5.2850** is the 20% darker color. If you saturate the color by 10%, you get **63.5110, 49.6090, -1.4870**, and if you desaturate by 10%, it is **73.0630, 39.2470, -0.9210**.

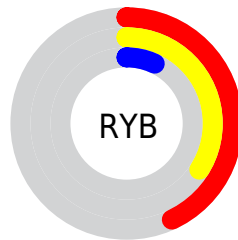
Distribution



Red (43%)

Green (22%)

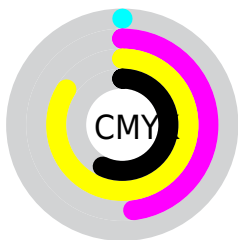
Blue (7%)



Red (43%)

Yellow (34%)

Blue (7%)

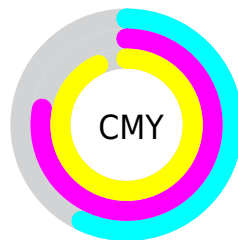


Cyan (0%)

Magenta (48%)

Yellow (84%)

Black (57%)



Cyan (57%)

Magenta (78%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.2870, 44.4280, -1.2040 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 68.2870, 44.4280, -1.2040 by changing the saturation by 10% instead.

68.2870, 44.4280,
-1.2040

68.2870, 44.4280,
-1.2040

254.2020, 2.2470,
-2.1770

45.3620, 39.8430,
-0.7090

118.4510, 49.8380,
-0.1300

24.6740, 30.3970,
5.2850

144.5330, 52.5430,
0.4070

10.2800, 19.9430,
7.5190

171.2020, 54.9730,
0.4210

0.0000, 0.0000,
0.0000

198.9850, 57.0820,
0.7460

218.7980, 41.3110,
-5.2890

238.3120, 24.9440,

-11.5360

■ 250.8960, 11.5560,
-11.1960

■ 68.2870, 44.4280,
-1.2040

■ 68.2870, 44.4280,
-1.2040

■ 63.5110, 49.6090,
-1.4870

■ 73.0630, 39.2470,
-0.9210

■ 60.4790, 52.6350,
-1.2610

■ 78.4260, 33.7910,
-1.1610

■ 83.2020, 28.6100,
-0.8780

■ 87.9780, 23.4290,
-0.5950

■ 92.7540, 18.2480,
-0.3120

■ 98.1170, 12.7920,
-0.5520

■ 102.8930, 7.6110,
-0.2690

■ 107.6690, 2.4300,
0.0140

■ 112.4450, -2.7510,
0.2970

Harmonies

Analogous

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



68.3930, 47.7260, 16.1260



68.2870, 44.4280, -1.2040



66.5160, 32.8770, -17.6430

Triad

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



68.2870, 44.4280, -1.2040



57.7610, -45.5240, -22.9960



71.5630, -16.9220, 20.3420

Complementary

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



68.2870, 44.4280, -1.2040



58.7130, -44.4280, 1.2040

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.



59.0730, -62.9970, 1.8270



68.2870, 44.4280, -1.2040



61.1810, -55.1540, -13.6660

Square

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



68.2870, 44.4280, -1.2040



53.5370, -33.5100, -31.4780



62.1560, -62.0330, -4.6330



72.1990, 16.6380, 28.8780

Rectangle

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



68.2870, 44.4280, -1.2040



64.6990, 18.9400, -23.8760



62.1560, -62.0330, -4.6330



68.6750, -32.0970, 14.5190

Sweetspot

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



68.2870, 44.4280, -1.2040



126.5690, 17.3310, -0.2130



50.9630, 38.0940, 36.5100



61.5620, 10.0410, -0.2550



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



68.2870, 44.4280, -1.2040



78.5640, 68.4530, -1.5870



94.7020, 32.0530, -24.7390



53.5550, 2.7510, -0.2970



65.8170, 57.4950, -1.2330



136.0750, 118.0620, -3.0740

Inverse Universe

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



58.7130, -44.4280, 1.2040



63.8490, -68.1780, 2.1100



32.2980, -32.0530, 24.7390



53.0320, -3.0260, -0.2260



53.5960, -57.2200, 1.7560



110.9250, -118.0620, 3.0740

Previews

White Background



This preview shows how the YIQ color 68.2870, 44.4280, -1.2040 looks on a white background.

Color Contrast Check

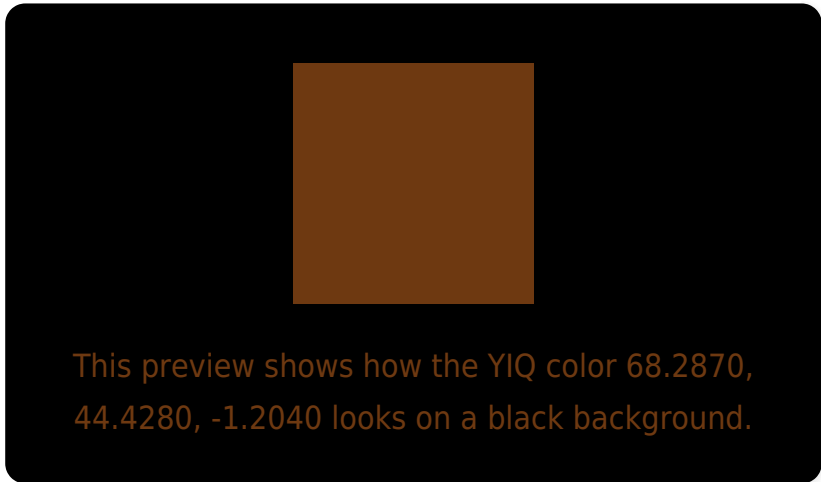
Large Text (above 18pt) WCAG AA ✓ Pass

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

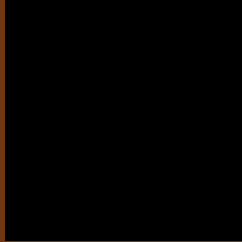
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.2870, 44.4280, -1.2040

Background



This preview shows how black text looks on a background with the YIQ color 68.2870, 44.4280, -1.2040.



This preview shows how white text looks on a background with the YIQ color 68.2870, 44.4280,

-1.2040.

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

68.2870, 44.4280, -1.2040

Protanopia

68.5780, 21.1390, -14.1650

Deuteranopia

68.0800, 31.4090, -13.0630



Tritanopia

71.0970, 33.8800, 13.7520

Trichromacy



Original Color

68.2870, 44.4280, -1.2040

Protanomaly

68.8180, 29.3910, -9.5290

Deuteranomaly

68.0530, 36.0390, -8.8650

Tritanomaly

69.6750, 37.8240, 8.3520

Monochromacy



Original Color

68.2870, 44.4280, -1.2040

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.9710, 16.1390, -0.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.2870, 44.4280, -1.2040 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(110, 57, 17)` looks like.

```
.text, #text, p{  
    color:rgb(110, 57, 17)  
}
```

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(110, 57, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 57, 17) }
```

Border

The CSS property to change the border of an element to YIQ 68.2870, 44.4280, -1.2040 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(110, 57, 17) }
```


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

```
.border{ border-color:rgb(110, 57, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 57, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 57, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 57, 17);  
box-shadow:4px 4px 4px 4px rgb(110, 57,  
17) }
```

Background

The CSS property to change the background color of an element to YIQ 68.2870, 44.4280, -1.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 57, 17) }
```

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

```
.background{ background-color: rgb(110, 57,  
17) }
```

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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