

Converting Colors

YIQ(70.4310, 72.0670, 43.0670)

Have a look what the booklet for
YIQ(70.4310, 72.0670, 43.0670)
contains.

YIQ(70.4310, 72.0670, 43.0670)	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(70.4310, 72.0670,
43.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	A61740
RGB	166, 23, 64
RGB Percent	65%, 9%, 25%
CMY	0.3487, 0.9100, 0.7488
CMYK	0.00, 0.86, 0.61, 0.35
HSL	343°, 76%, 37%
HSV	343°, 86%, 65%
XYZ	16.9779, 9.0984, 5.7215
YIQ	70.4310, 72.0670, 43.0670

Conversions

Conversions Part 2

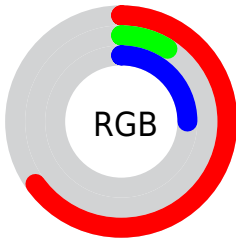
Format	Color
RYB	166, 23, 64
Decimal	10884928
CIELab	36.17, 56.71, 15.04
CIElCh	36, 58.668, 14.856
Yxy	9.0984, 0.5339, 0.2861
Android (android.graphics.Color)	4289075008 (0xFFA61740)
YUV	70.4310, -3.1705, 83.8140
Hunter-Lab	30.1635, 47.6847, 9.8682

Details

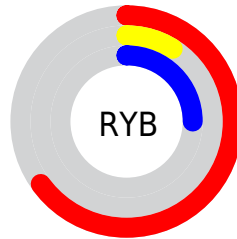
The YIQ color **70.4310, 72.0670, 43.0670** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **118.5690, -72.0670, -43.0670**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.0090, 76.0110, 37.6670**, and **34.5010, 56.7100, 29.5260** is the 20% darker color. If you saturate the color by 10%, you get **59.0840, 80.5940, 48.2260**, and if you desaturate by 10%, it is **81.7780, 63.5400, 37.9080**.

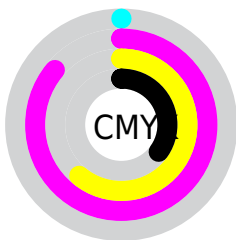
Distribution



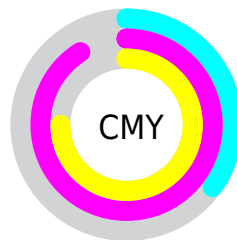
- Red (65%)
- Green (9%)
- Blue (25%)



- Red (65%)
- Yellow (9%)
- Blue (25%)



- Cyan (0%)
- Magenta (86%)
- Yellow (61%)
- Black (35%)





- Cyan (35%)
- Magenta (91%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 70.4310, 72.0670, 43.0670 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 70.4310, 72.0670, 43.0670 by changing the saturation by 10% instead.


 70.4310, 72.0670,
43.0670


 70.4310, 72.0670,
43.0670


255.0000, -0.0000,
-0.0000


 45.4520, 67.5740,
41.8940


 131.0090, 76.0110,
37.6670


 34.6150, 56.3890,
29.8370

 158.7810, 76.6530,
37.0450


 23.3220, 46.4880,
16.5360

 178.1810, 60.6070,
30.4870

 15.1780, 29.1580,
11.2220

 197.6950, 44.2400,
24.2400

 0.0000, 0.0000,
0.0000

 217.3230, 27.5520,
18.3040

 237.5380, 10.5890,

11.8450

■ 70.4310, 72.0670,
43.0670

■ 70.4310, 72.0670,
43.0670

■ 59.0840, 80.5940,
48.2260

■ 81.7780, 63.5400,
37.9080

■ 55.1060, 83.5280,
50.1200

■ 92.5380, 55.2880,
33.2720

■ 103.8850, 46.7610,
28.1130

■ 114.5310, 38.8300,
23.1660

■ 125.8780, 30.3030,
18.0070

■ 137.2250, 21.7760,
12.8480

■ 147.9850, 13.5240,
8.2120

■ 159.3320, 4.9970,
3.0530

■ 170.0920, -3.2550,
-1.5830

Harmonies

Analogous

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



76.9080, 49.0950, 51.9030



70.4310, 72.0670, 43.0670



77.1490, 71.6600, 11.8840

Triad

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



70.4310, 72.0670, 43.0670



62.7120, -18.6060, -48.2860



77.1170, -83.4920, 4.3160

Complementary

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



70.4310, 72.0670, 43.0670



118.5690, -72.0670, -43.0670

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.



78.2620, -77.0710, -7.4310



70.4310, 72.0670, 43.0670



67.7740, -47.5390, -36.0430

Square

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



70.4310, 72.0670, 43.0670



77.6470, 24.7180, -29.4740



73.9470, -63.5430, -21.3270



68.8990, -79.6420, 11.6380

Rectangle

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



70.4310, 72.0670, 43.0670



79.6940, 62.0350, -6.4210



73.9470, -63.5430, -21.3270



78.1940, -82.3910, 0.8810

Sweetspot

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



70.4310, 72.0670, 43.0670



178.9810, 28.5150, 17.3710



69.2020, 13.6970, 65.6730



87.1920, 17.3750, 10.0070



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



70.4310, 72.0670, 43.0670



71.9510, 109.4300, 65.2860



82.7800, 77.2530, 15.1490



78.6200, 4.1260, 2.3180



49.0400, 74.7260, 44.4380



6.6640, 9.9940, 6.1060

Inverse Universe

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



70.4310, 72.0670, 43.0670



71.9510, 109.4300, 65.2860



106.2200, -77.2530, -15.1490



78.6200, 4.1260, 2.3180



49.0400, 74.7260, 44.4380



6.6640, 9.9940, 6.1060

Previews

White Background



This preview shows how the YIQ color 70.4310, 72.0670, 43.0670 looks on a white background.

Color Contrast Check

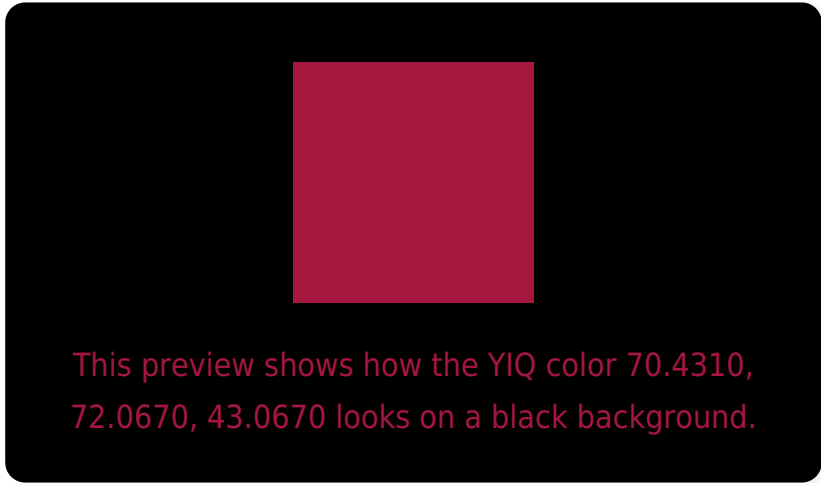
Large Text (above 18pt) WCAG AA ✓ Pass

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

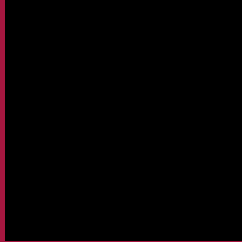
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.4310, 72.0670, 43.0670

Background



This preview shows how black text looks on a background with the YIQ color 70.4310, 72.0670, 43.0670.



This preview shows how white text looks on a background with the YIQ color 70.4310, 72.0670, 43.0670.

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

70.4310, 72.0670, 43.0670

Protanopia

86.8690, -1.0090, 1.7670

Deuteranopia

86.3150, 20.8620, -3.6340



Tritanopia

71.7670, 79.2680, 28.1960

Trichromacy



Original Color

70.4310, 72.0670, 43.0670

Protanomaly

80.8990, 25.8100, 16.8340

Deuteranomaly

80.6200, 39.6570, 13.6810

Tritanomaly

71.3740, 76.2410, 33.4970

Monochromacy



Original Color

70.4310, 72.0670, 43.0670

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.2580, 26.1770, 15.6890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.4310, 72.0670, 43.0670 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(166, 23, 64)` looks like.

```
.text, #text, p{  
    color:rgb(166, 23, 64)  
}
```

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(166, 23, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 23, 64) }
```

Border

The CSS property to change the border of an element to YIQ 70.4310, 72.0670, 43.0670 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(166, 23, 64) }
```


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

```
.border{ border-color:rgb(166, 23, 64) }
```

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

Here you see how a box with a 4 pixel rgb(166, 23, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 23, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 23, 64);  
box-shadow:4px 4px 4px 4px rgb(166, 23,  
64) }
```

Background

The CSS property to change the background color of an element to YIQ 70.4310, 72.0670, 43.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 23, 64) }
```

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

```
.background{ background-color: rgb(166, 23,  
64) }
```

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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