

Converting Colors

YIQ(47.2970, 57.9450, 45.6970)

Have a look what the booklet for
YIQ(47.2970, 57.9450, 45.6970)
contains.

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Color

**YIQ(47.2970, 57.9450,
45.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	83023D
RGB	131, 2, 61
RGB Percent	51%, 1%, 24%
CMY	0.4859, 0.9923, 0.7606
CMYK	0.00, 0.99, 0.53, 0.49
HSL	333°, 97%, 26%
HSV	333°, 99%, 51%
XYZ	10.2383, 5.2120, 4.8879
YIQ	47.2970, 57.9450, 45.6970

Conversions

Conversions Part 2

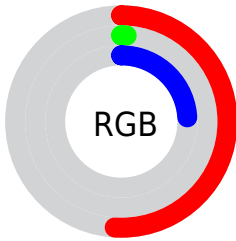
Format	Color
RYB	131, 2, 61
Decimal	8585789
CIELab	27.33, 51.13, 3.63
CIElCh	27, 51.263, 4.057
Yxy	5.2120, 0.5034, 0.2563
Android (android.graphics.Color)	4286775869 (0xFF83023D)
YUV	47.2970, 6.7556, 73.4075
Hunter-Lab	22.8297, 40.0991, 3.2867

Details

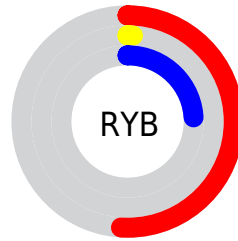
The YIQ color **47.2970, 57.9450, 45.6970** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **85.7030, -57.9450, -45.6970**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9130, 58.7260, 37.0460**, and **24.5910, 38.6010, 21.8090** is the 20% darker color. If you saturate the color by 10%, you get **46.0090, 58.8160, 46.4320**, and if you desaturate by 10%, it is **55.7260, 52.1230, 41.0750**.

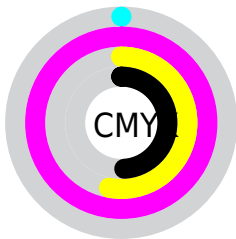
Distribution



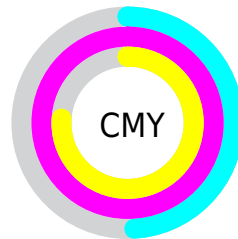
- Red (51%)
- Green (1%)
- Blue (24%)



- Red (51%)
- Yellow (1%)
- Blue (24%)



- Cyan (0%)
- Magenta (99%)
- Yellow (53%)
- Black (49%)





- Cyan (49%)
- Magenta (99%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 47.2970, 57.9450, 45.6970 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 47.2970, 57.9450, 45.6970 by changing the saturation by 10% instead.


 47.2970, 57.9450,
45.6970


 47.2970, 57.9450,
45.6970


255.0000, -0.0000,
-0.0000


 35.2430, 48.8690,
33.9650

 109.9130, 58.7260,
37.0460


 24.5910, 38.6010,
21.8090


 137.5820, 61.1560,
37.0600

 15.1780, 29.1580,
11.2220

 165.3650, 63.2650,
37.3850


 0.0000, 0.0000,
0.0000


 186.6730, 50.4740,
32.4100


 206.3010, 33.7860,
26.4740


 225.9290, 17.0980,


20.5380


 244.4340, 4.9500,
9.4140


 47.2970, 57.9450,
45.6970


 47.2970, 57.9450,
45.6970


 46.0090, 58.8160,
46.4320

 55.7260, 52.1230,
41.0750

 64.1550, 46.3010,
36.4530

 72.5840, 40.4790,
31.8310

 81.0130, 34.6570,
27.2090

 90.1430, 28.2390,
22.3750

■ 98.5720, 22.4170,
17.7530

■ 107.0010, 16.5950,
13.1310

■ 115.4300, 10.7730,
8.5090

■ 123.8590, 4.9510,
3.8870

Harmonies

Analogous

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



60.1610, 28.9690, 42.1930



47.2970, 57.9450, 45.6970



54.9710, 60.8380, 20.7900

Triad

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



47.2970, 57.9450, 45.6970



53.3050, -0.6820, -31.7060



60.7030, -64.8310, 2.0250

Complementary

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



47.2970, 57.9450, 45.6970



85.7030, -57.9450, -45.6970

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.



59.8590, -56.9430, -8.7750



47.2970, 57.9450, 45.6970



49.4510, -30.3920, -32.9200

Square

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



47.2970, 57.9450, 45.6970



60.5800, 26.8250, -18.0950



55.4130, -44.4240, -20.9040



56.3320, -64.9240, 9.2200

Rectangle

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



47.2970, 57.9450, 45.6970



58.7400, 56.3940, 2.2020



55.4130, -44.4240, -20.9040



60.9650, -62.8130, -1.5090

Sweetspot

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



47.2970, 57.9450, 45.6970



137.8710, 23.0130, 17.9650



37.3370, -0.2850, 54.7470



66.2780, 14.2570, 11.4490



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



47.2970, 57.9450, 45.6970



60.0210, 76.8780, 60.5100



42.9190, 75.7840, 25.2560



62.1360, 2.6130, 2.2050



45.7100, 58.2200, 46.2200



1.0110, 1.4670, 0.9470

Inverse Universe

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



47.2970, 57.9450, 45.6970



60.0210, 76.8780, 60.5100



90.0810, -75.7840, -25.2560



62.1360, 2.6130, 2.2050



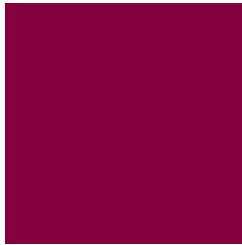
45.7100, 58.2200, 46.2200



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 47.2970, 57.9450, 45.6970 looks on a white background.

Color Contrast Check

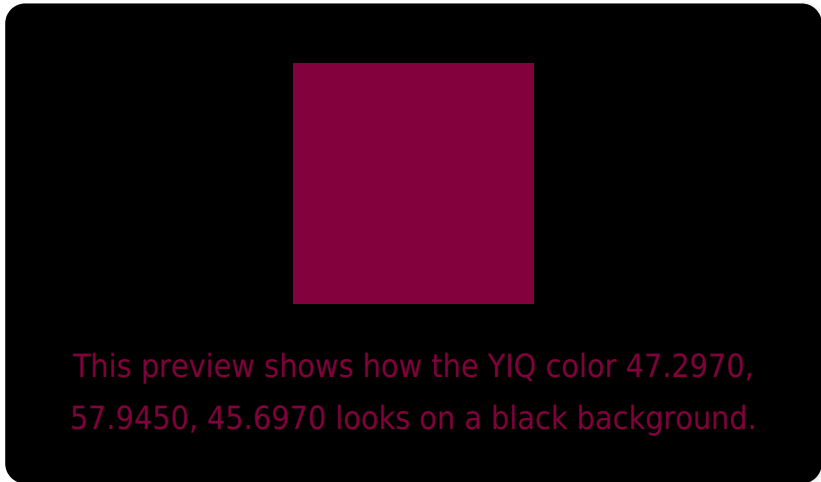
Large Text (above 18pt) WCAG AA ✓ Pass

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 47.2970, 57.9450, 45.6970

Background



This preview shows how black text looks on a background with the YIQ color 47.2970, 57.9450, 45.6970.



This preview shows how white text looks on a background with the YIQ color 47.2970, 57.9450,

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

47.2970, 57.9450, 45.6970

Protanopia

67.8990, -9.7210, 5.4710

Deuteranopia

68.1600, 11.2330, 0.1690



Tritanopia

55.6940, 63.1760, 22.4720

Trichromacy



Original Color

47.2970, 57.9450, 45.6970

Protanomaly

60.1460, 14.9890, 20.2130

Deuteranomaly

60.5680, 28.2400, 16.8480

Tritanomaly

52.4800, 61.2030, 30.6990

Monochromacy



Original Color

47.2970, 57.9450, 45.6970

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.4470, 21.2710, 16.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.2970, 57.9450, 45.6970 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(131, 2, 61)` looks like.

```
.text, #text, p{  
    color:rgb(131, 2, 61)  
}
```

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(131, 2, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 2, 61) }
```

Border

The CSS property to change the border of an element to YIQ 47.2970, 57.9450, 45.6970 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(131, 2, 61) }
```


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

```
.border{ border-color:rgb(131, 2, 61) }
```

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

Here you see how a box with a 4 pixel rgb(131, 2, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 2, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 2, 61);  
box-shadow:4px 4px 4px 4px rgb(131, 2, 61)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.2970, 57.9450, 45.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 2, 61) }
```

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

```
.background{ background-color: rgb(131, 2,  
61) }
```

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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