

Converting Colors

YIQ(68.9970, -3.9450, 10.9270)

Have a look what the booklet for
YIQ(68.9970, -3.9450, 10.9270)
contains.

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Color

**YIQ(68.9970, -3.9450,
10.9270)**

Conversions

Conversions Part 1

Format	Color
Hex	483F5C
RGB	72, 63, 92
RGB Percent	28%, 25%, 36%
CMY	0.7176, 0.7529, 0.6393
CMYK	0.22, 0.32, 0.00, 0.64
HSL	259°, 19%, 30%
HSV	259°, 32%, 36%
XYZ	6.3819, 5.7052, 10.8878
YIQ	68.9970, -3.9450, 10.9270

Conversions

Conversions Part 2

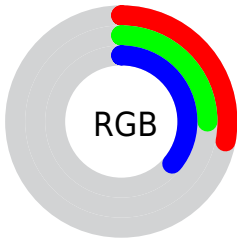
Format	Color
R_{YB}	72, 63, 92
Decimal	4734812
CIE _{Lab}	28.66, 10.74, -15.84
CIE _{LCh}	29, 19.135, 304.142
Yxy	5.7052, 0.2778, 0.2483
Android (android.graphics.Color)	4282924892 (0xFF483F5C)
YUV	68.9970, 11.3405, 2.6336
Hunter-Lab	23.8857, 5.8926, -10.3063

Details

The YIQ color **68.9970, -3.9450, 10.9270** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **86.0030, 3.9450, -10.9270**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.5240, -3.9910, 11.7610**, and **25.6440, -4.4490, 9.0470** is the 20% darker color. If you saturate the color by 10%, you get **61.9200, -5.0460, 14.3620**, and if you desaturate by 10%, it is **76.0740, -2.8440, 7.4920**.

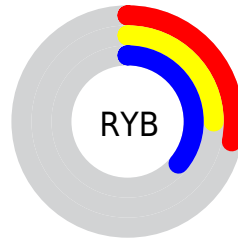
Distribution



Red (28%)

Green (25%)

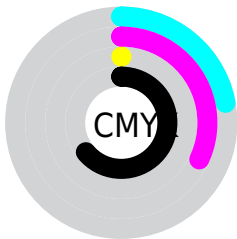
Blue (36%)



Red (28%)

Yellow (25%)

Blue (36%)

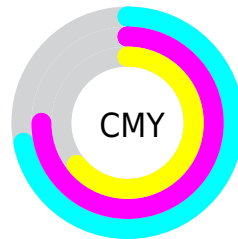


Cyan (22%)

Magenta (32%)

Yellow (0%)

Black (64%)



Cyan (72%)

Magenta (75%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.9970, -3.9450, 10.9270 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 68.9970, -3.9450, 10.9270 by changing the saturation by 10% instead.

■ 68.9970, -3.9450,
10.9270

■ 68.9970, -3.9450,
10.9270

■ 255.0000, -0.0000,
-0.0000

■ 46.4700, -3.8990,
10.0930

■ 117.5240, -3.9910,
11.7610

■ 25.6440, -4.4490,
9.0470

■ 143.0510, -4.0370,
12.5950

■ 2.9640, -8.3460,
8.0860

■ 169.4640, -3.7620,
13.1180

■ 0.0000, 0.0000,
0.0000

■ 196.5780, -4.0830,
13.4290

■ 224.6920, -4.4040,
13.7400

■ 249.7170, 2.4750,

4.7070

■ 68.9970, -3.9450,
10.9270

■ 68.9970, -3.9450,
10.9270

■ 61.9200, -5.0460,
14.3620

■ 76.0740, -2.8440,
7.4920

■ 54.5440, -6.7430,
17.5850

■ 83.4500, -1.1470,
4.2690

■ 46.8800, -7.5690,
21.5430

■ 91.1140, -0.3210,
0.3110

■ 39.8030, -8.6700,
24.9780

■ 98.1910, 0.7800,
-3.1240

■ 32.4270, -10.3670,
28.2010

■ 105.5670, 2.4770,
-6.3470

■ 25.3500, -11.4680,
31.6360

■ 112.6440, 3.5780,
-9.7820

■ 19.1590, -12.2480,
34.7600

■ 119.7210, 4.6790,
-13.2170

■ 127.6840, 6.1010,
-16.9630

■ 134.7610, 7.2020,
-20.3980

Harmonies

Analogous

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



65.9240, -20.0370, 5.2030



68.9970, -3.9450, 10.9270



69.5920, 10.4970, 13.5130

Triad

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



68.9970, -3.9450, 10.9270



67.3800, 22.2370, -1.0190



59.0560, -29.9370, -13.6250

Complementary

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



68.9970, -3.9450, 10.9270



86.0030, 3.9450, -10.9270

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.



62.1520, -12.6520, -13.0040



68.9970, -3.9450, 10.9270



66.0860, 14.0770, -7.3230

Square

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



68.9970, -3.9450, 10.9270



68.3790, 23.9780, 5.9780



65.1060, 2.1570, -11.5630



55.9930, -42.8210, -11.4050

Rectangle

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



68.9970, -3.9450, 10.9270



69.0720, 17.8330, 12.7210



65.1060, 2.1570, -11.5630



59.9920, -23.8850, -13.1730

Sweetspot

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



68.9970, -3.9450, 10.9270



111.1510, -1.7430, 4.0570



78.0460, -14.8090, -1.4410



55.6950, -0.4590, 2.8130



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



68.9970, -3.9450, 10.9270



83.4300, -6.4220, 17.2740



73.1830, 4.3990, 13.8950



42.1680, -0.4130, 1.9790



22.7060, -15.0460, 41.4180



49.1440, -31.9730, 89.3950

Inverse Universe

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



73.9510, 10.8640, 12.3680



91.4020, 17.1440, 19.7040



81.8170, -4.3990, -13.8950



42.8370, 2.0170, 1.9930



41.5540, 41.1640, 46.9560



89.4450, 88.9290, 100.9370

Previews

White Background



This preview shows how the YIQ color 68.9970, -3.9450, 10.9270 looks on a white background.

Color Contrast Check

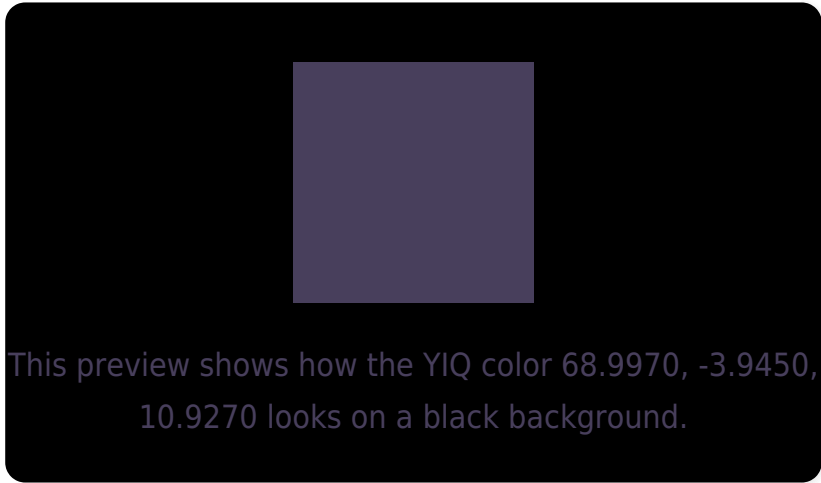
Large Text (above 18pt) WCAG AA ✓ Pass

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 68.9970, -3.9450, 10.9270

Background



This preview shows how black text looks on a background with the YIQ color 68.9970, -3.9450, 10.9270.

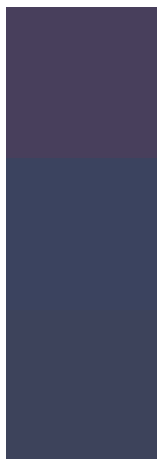


This preview shows how white text looks on a background with the YIQ color 68.9970, -3.9450,

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

68.9970, -3.9450, 10.9270

Protanopia

67.8000, -13.7560, 7.0120

Deuteranopia

67.9420, -11.2800, 6.1920



Tritanopia

67.8690, -1.0090, 1.7670

Trichromacy



Original Color

68.9970, -3.9450, 10.9270

Protanomaly

68.5940, -10.1800, 8.2840

Deuteranomaly

68.5510, -8.6210, 7.5630

Tritanomaly

68.3790, -2.3850, 4.6790

Monochromacy



Original Color

68.9970, -3.9450, 10.9270

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.0370, -1.4220, 3.7460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.9970, -3.9450, 10.9270 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(72, 63, 92)` looks like.

```
.text, #text, p{  
    color:rgb(72, 63, 92)  
}
```

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(72, 63, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 63, 92) }
```

Border

The CSS property to change the border of an element to YIQ 68.9970, -3.9450, 10.9270 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(72, 63, 92) }
```


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

```
.border{ border-color:rgb(72, 63, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 63, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 63, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 63, 92);  
box-shadow:4px 4px 4px 4px rgb(72, 63, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 68.9970, -3.9450, 10.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 63, 92) }
```

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

```
.background{ background-color: rgb(72, 63,  
92) }
```

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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