

Converting Colors

YIQ(67.9470, 60.2450, 3.9970)

Have a look what the booklet for
YIQ(67.9470, 60.2450, 3.9970)
contains.

YIQ(67.9470, 60.2450, 3.9970)	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(67.9470, 60.2450,
3.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	803108
RGB	128, 49, 8
RGB Percent	50%, 19%, 3%
CMY	0.4979, 0.8080, 0.9684
CMYK	0.00, 0.62, 0.94, 0.50
HSL	20°, 88%, 27%
HSV	20°, 94%, 50%
XYZ	10.0494, 6.8039, 1.0153
YIQ	67.9470, 60.2450, 3.9970

Conversions

Conversions Part 2

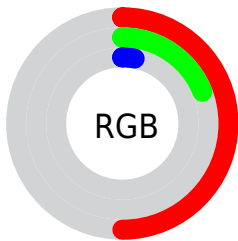
Format	Color
R_{YB}	128, 70, 8
Decimal	8401160
CIE Lab	31.36, 32.31, 39.55
CIE LCh	31, 51.071, 50.756
Yxy	6.8039, 0.5624, 0.3808
Android (android.graphics.Color)	4286591240 (0xFF803108)
YUV	67.9470, -29.5539, 52.6665
Hunter-Lab	26.0843, 23.1226, 15.9512

Details

The YIQ color **67.9470, 60.2450, 3.9970** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **68.0530, -60.2450, -3.9970**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **119.7090, 66.8470, 5.4950**, and **21.2290, 42.3160, 15.0520** is the 20% darker color. If you saturate the color by 10%, you get **64.1000, 64.1880, 4.1240**, and if you desaturate by 10%, it is **74.1250, 53.8720, 3.8560**.

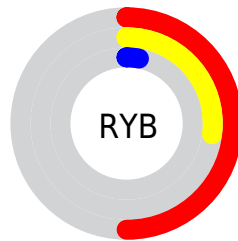
Distribution



Red (50%)

Green (19%)

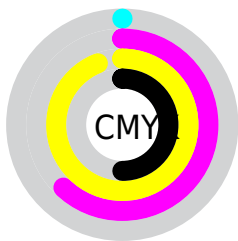
Blue (3%)



Red (50%)

Yellow (27%)

Blue (3%)

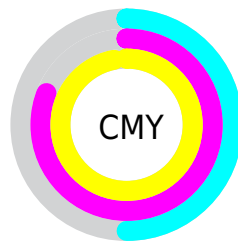


Cyan (0%)

Magenta (62%)

Yellow (94%)

Black (50%)



Cyan (50%)


Magenta (81%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 67.9470, 60.2450, 3.9970 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 67.9470, 60.2450, 3.9970 by changing the saturation by 10% instead.


 67.9470, 60.2450,
3.9970


 67.9470, 60.2450,
3.9970


 253.2900, 4.8150,
-4.6650


 43.9880, 53.0000,
8.6480

 119.8230, 66.5260,
5.8060


 21.2290, 42.3160,
15.0520


 146.6770, 69.8730,
5.7210

 14.1670, 27.6910,
10.2750

 174.0580, 73.1740,
6.4700

 0.0000, 0.0000,
0.0000

 194.9640, 61.5750,
1.9190

 214.3640, 45.5290,
-4.6390

 233.8780, 29.1620,

-10.8860

■ 249.9840, 14.1240,
-13.6840

■ 67.9470, 60.2450,
3.9970

■ 67.9470, 60.2450,
3.9970

■ 64.1000, 64.1880,
4.1240

■ 74.1250, 53.8720,
3.8560

■ 80.8900, 47.2240,
3.1920

■ 86.9540, 41.1720,
2.7400

■ 93.7190, 34.5240,
2.0760

■ 99.8970, 28.1510,
1.9350

■ 106.6620, 21.5030,
1.2710

■ 112.8400, 15.1300,
1.1300

■ 119.0180, 8.7570,
0.9890

■ 125.6690, 2.4300,
0.0140

Harmonies

Analogous

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



64.3660, 61.5240, 30.3880



67.9470, 60.2450, 3.9970



70.1150, 41.4960, -14.1520

Triad

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



67.9470, 60.2450, 3.9970



59.6700, -44.0100, -28.4100



68.5520, -44.7520, 18.0960

Complementary

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



67.9470, 60.2450, 3.9970



68.0530, -60.2450, -3.9970

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.



65.5760, -71.6630, 4.6970



67.9470, 60.2450, 3.9970



64.9310, -57.4460, -16.1820

Square

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



67.9470, 60.2450, 3.9970



52.8930, -29.0610, -40.5250



67.7470, -68.1310, -4.2510



75.0170, 11.6390, 36.8790

Rectangle

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



67.9470, 60.2450, 3.9970



68.5210, 25.3130, -23.7350



67.7470, -68.1310, -4.2510



60.8800, -69.4630, 8.8810

Sweetspot

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



67.9470, 60.2450, 3.9970



142.4450, 23.6120, 1.5960



53.0000, 45.8400, 50.3200



69.6550, 14.2130, 1.2290



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



67.9470, 60.2450, 3.9970



83.0930, 83.2610, 5.3810



102.5800, 44.0200, -26.8600



60.8540, 3.3470, -0.0850



63.5130, 64.4630, 4.6470



0.0000, 0.0000, 0.0000

Inverse Universe

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



68.0530, -60.2450, -3.9970



82.9070, -83.2610, -5.3810



33.4200, -44.0200, 26.8600



60.7330, -3.6220, -0.4380



63.9000, -64.1880, -4.1240



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 67.9470, 60.2450, 3.9970 looks on a white background.

Color Contrast Check

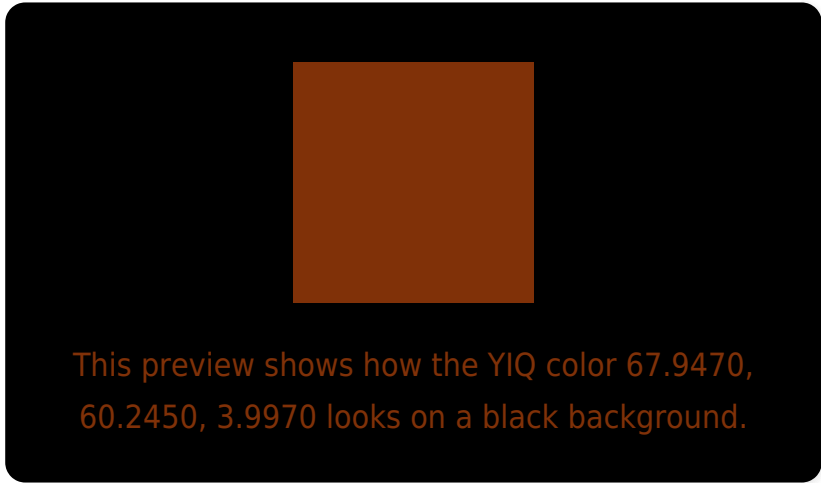
Large Text (above 18pt) WCAG AA ✓ Pass

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

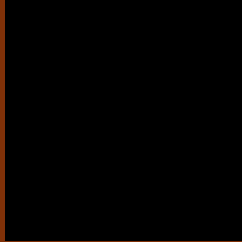
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.9470, 60.2450, 3.9970

Background



This preview shows how black text looks on a background with the YIQ color 67.9470, 60.2450, 3.9970.



This preview shows how white text looks on a background with the YIQ color 67.9470, 60.2450,

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

67.9470, 60.2450, 3.9970

Protanopia

70.9650, 24.3030, -16.4410

Deuteranopia

70.0820, 37.0950, -16.9930



Tritanopia

71.0450, 48.8260, 18.2180

Trichromacy



Original Color

67.9470, 60.2450, 3.9970

Protanomaly

70.1240, 37.2770, -9.2750

Deuteranomaly

69.3160, 45.4840, -9.3320

Tritanomaly

69.9220, 53.3660, 13.0300

Monochromacy



Original Color

67.9470, 60.2450, 3.9970

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

67.9610, 22.0990, 1.4830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.9470, 60.2450, 3.9970 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(128, 49, 8)` looks like.

```
.text, #text, p{  
    color:rgb(128, 49, 8)  
}
```

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(128, 49, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 49, 8) }
```

Border

The CSS property to change the border of an element to YIQ 67.9470, 60.2450, 3.9970 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(128, 49, 8) }
```


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

```
.border{ border-color:rgb(128, 49, 8) }
```

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

Here you see how a box with a 4 pixel rgb(128, 49, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 49, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 49, 8);  
box-shadow:4px 4px 4px 4px rgb(128, 49, 8)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.9470, 60.2450, 3.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 49, 8) }
```

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

```
.background{ background-color: rgb(128, 49,  
8) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor