

Converting Colors

YIQ(68.7990, -14.2970,
-43.7770)

Have a look what the booklet for
YIQ(68.7990, -14.2970, -43.7770)
contains.

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Color

**YIQ(68.7990, -14.2970,
-43.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	1C650A
RGB	28, 101, 10
RGB Percent	11%, 40%, 4%
CMY	0.8904, 0.6038, 0.9608
CMYK	0.72, 0.00, 0.90, 0.60
HSL	108°, 82%, 22%
HSV	108°, 90%, 40%
XYZ	5.1887, 9.5812, 1.8632
YIQ	68.7990, -14.2970, -43.7770

Conversions

Conversions Part 2

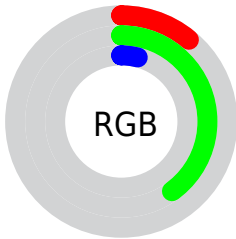
Format	Color
RYB	10, 101, 83
Decimal	1860874
CIELab	37.08, -39.12, 39.98
CIELCh	37, 55.934, 134.376
Yxy	9.5812, 0.3120, 0.5760
Android (android.graphics.Color)	4280050954 (0xFF1C650A)
YUV	68.7990, -28.9879, -35.7807
Hunter-Lab	30.9536, -24.2470, 18.0987

Details

The YIQ color **68.7990, -14.2970, -43.7770** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **42.2010, 14.2970, 43.7770**, and the grayscale version is **69.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **122.4080, -11.6380, -42.4060**, and **31.1110, -14.5750, -27.7190** is the 20% darker color. If you saturate the color by 10%, you get **65.2670, -15.8550, -48.5830**, and if you desaturate by 10%, it is **72.3310, -12.7390, -38.9710**.

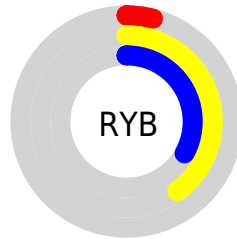
Distribution



Red (11%)

Green (40%)

Blue (4%)



Red (4%)

Yellow (40%)

Blue (33%)

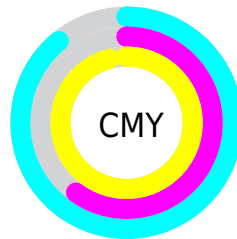


Cyan (72%)

Magenta (0%)

Yellow (90%)

Black (60%)



Cyan (89%)

Magenta (60%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.7990, -14.2970, -43.7770 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 68.7990, -14.2970, -43.7770 by changing the saturation by 10% instead.

■ 68.7990, -14.2970,
-43.7770

■ 68.7990, -14.2970,
-43.7770

■ 254.6580, 0.9630,
-0.9330

■ 44.6120, -20.9000,
-39.7480

■ 122.4080,
-11.6380, -42.4060

■ 31.1110, -14.5750,
-27.7190

■ 148.8810,
-11.5920, -43.2400

■ 18.7840, -8.8000,
-16.7360

■ 176.5390,
-10.6290, -44.1730

■ 0.0000, 0.0000,
0.0000


■ 204.1260,
-10.9040, -44.6960


■ 227.0280, -7.5120,
-40.0880


■ 238.4780, 0.5090,


-25.7550


 250.7540, 9.0800,
-10.3760


 68.7990, -14.2970,
-43.7770


 68.7990, -14.2970,
-43.7770


 65.2670, -15.8550,
-48.5830

 72.3310, -12.7390,
-38.9710

 75.8630, -11.1810,
-34.1650

 79.3950, -9.6230,
-29.3590

 82.9270, -8.0650,
-24.5530

 86.8720, -6.2320,
-19.2240

■ 90.4040, -4.6740,
-14.4180

■ 93.9360, -3.1160,
-9.6120

■ 97.4680, -1.5580,
-4.8060

■ 101.0000, -0.0000,
0.0000

Harmonies

Analogous

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



79.7180, 25.9560, -29.8840



68.7990, -14.2970, -43.7770



69.1760, -48.7310, -36.4670

Triad

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



68.7990, -14.2970, -43.7770



78.0630, -83.4000, 2.6480



76.7570, 68.0330, 39.0810

Complementary

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



68.7990, -14.2970, -43.7770



42.2010, 14.2970, 43.7770

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.



82.1200, 45.3820, 47.6060



68.7990, -14.2970, -43.7770



69.9590, -79.8710, 10.2810

Square

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



68.7990, -14.2970, -43.7770



79.3220, -77.3000, -8.7880



89.2810, 2.1480, 38.1800



80.4800, 69.2300, 11.8700

Rectangle

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



68.7990, -14.2970, -43.7770



73.4110, -59.2780, -27.0380



89.2810, 2.1480, 38.1800



76.9940, 63.1720, 44.5800

Sweetspot

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



68.7990, -14.2970, -43.7770



120.2250, -5.7280, -17.3440



80.0600, 34.1610, -18.8870



58.5230, -3.3910, -10.1350



194.0000, -0.0000, 0.0000



66.0000, -0.0000, -0.0000

Same Dimension

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



68.7990, -14.2970, -43.7770



85.8450, -21.0790, -64.0470



66.4950, -33.6920, -39.1960



49.2340, -0.7790, -2.4030



74.3820, -17.9170, -55.2690



156.4060, -37.9420, -116.3900

Inverse Universe

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



42.2010, 14.2970, 43.7770



46.8560, 20.4830, 63.8350



44.5050, 33.6920, 39.1960



47.7660, 0.7790, 2.4030



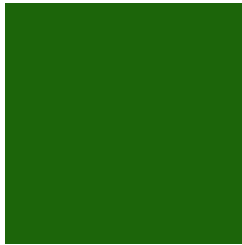
40.6180, 17.9170, 55.2690



85.8930, 38.5380, 116.6020

Previews

White Background



This preview shows how the YIQ color 68.7990, -14.2970, -43.7770 looks on a white background.

Color Contrast Check

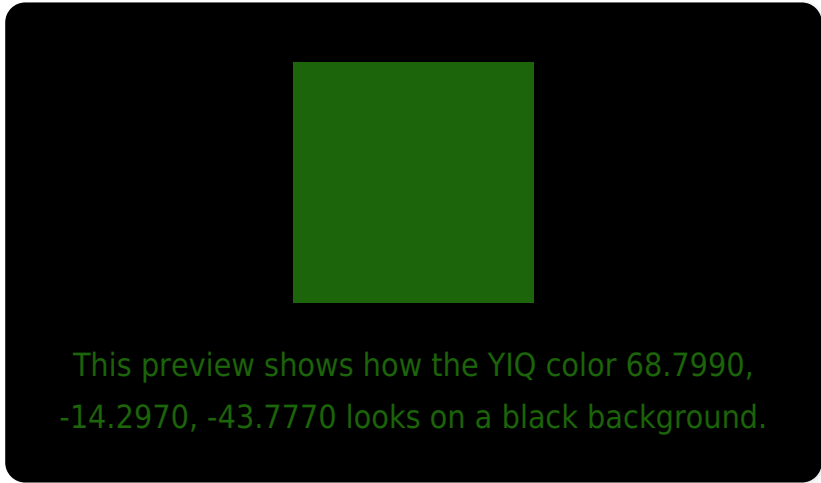
Large Text (above 18pt) WCAG AA ✓ Pass

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

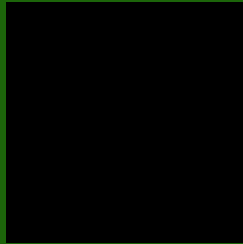
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.7990, -14.2970, -43.7770

Background



This preview shows how black text looks on a background with the YIQ color 68.7990, -14.2970, -43.7770.



This preview shows how white text looks on a background with the YIQ color 68.7990, -14.2970,

-43.7770.

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

68.7990, -14.2970, -43.7770

Protanopia

80.4850, 34.1620, -24.4140

Deuteranopia

83.9340, 34.7560, -13.1480



Tritanopia

81.4570, -29.3880, -7.0520

Trichromacy



Original Color

68.7990, -14.2970, -43.7770

Protanomaly

76.2870, 16.9240, -31.3960

Deuteranomaly

78.8020, 17.1520, -24.5120

Tritanomaly

77.0640, -24.3880, -20.5800

Monochromacy



Original Color

68.7990, -14.2970, -43.7770

Achromatopsia

69.0000, -0.0000, -0.0000

Achromatomaly

69.1650, -5.4990, -15.9870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.7990, -14.2970, -43.7770 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(28, 101, 10)` looks like.

```
.text, #text, p{  
    color:rgb(28, 101, 10)  
}
```

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(28, 101, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 101, 10) }
```

Border

The CSS property to change the border of an element to YIQ 68.7990, -14.2970, -43.7770 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(28, 101, 10) }
```


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

```
.border{ border-color:rgb(28, 101, 10) }
```

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

Here you see how a box with a 4 pixel rgb(28, 101, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 101, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 101, 10);  
box-shadow:4px 4px 4px 4px rgb(28, 101,  
10) }
```

Background

The CSS property to change the background color of an element to YIQ 68.7990, -14.2970, -43.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 101, 10) }
```

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

```
.background{ background-color: rgb(28, 101,  
10) }
```

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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