

Converting Colors

YIQ(159.3870, 18.0770,
-68.8270)

Have a look what the booklet for
YIQ(159.3870, 18.0770, -68.8270)
contains.

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Color

**YIQ(159.3870, 18.0770,
-68.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	86C716
RGB	134, 199, 22
RGB Percent	53%, 78%, 9%
CMY	0.4748, 0.2195, 0.9135
CMYK	0.33, 0.00, 0.89, 0.22
HSL	82°, 80%, 43%
HSV	82°, 89%, 78%
XYZ	30.3957, 45.9801, 8.0348
YIQ	159.3870, 18.0770, -68.8270

Conversions

Conversions Part 2

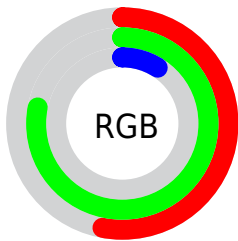
Format	Color
R _Y B	22, 199, 87
Decimal	8832790
CIE Lab	73.53, -43.99, 70.48
CIE LCh	74, 83.082, 121.973
Yxy	45.9801, 0.3601, 0.5447
Android (android.graphics.Color)	4287022870 (0xFF86C716)
YUV	159.3870, -67.7318, -22.2644
Hunter-Lab	67.8086, -38.6513, 40.4407

Details

The YIQ color **159.3870, 18.0770, -68.8270** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **61.6130, -18.0770, 68.8270**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **217.2390, 15.7380, -64.9820**, and **107.8390, 5.4210, -59.7230** is the 20% darker color. If you saturate the color by 10%, you get **155.0140, 20.3250, -76.5310**, and if you desaturate by 10%, it is **163.7600, 15.8290, -61.1230**.

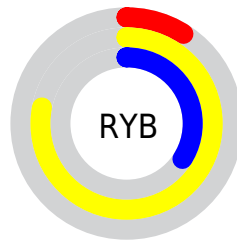
Distribution



Red (53%)

Green (78%)

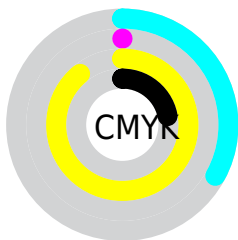
Blue (9%)



Red (9%)

Yellow (78%)

Blue (34%)

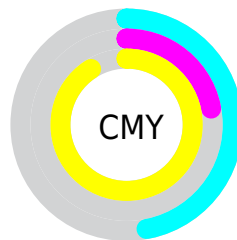


Cyan (33%)

Magenta (0%)

Yellow (89%)

Black (22%)



Cyan (47%)

Magenta (22%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.3870, 18.0770, -68.8270 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 159.3870, 18.0770, -68.8270 by changing the saturation by 10% instead.

■ 159.3870, 18.0770,
-68.8270

■ 159.3870, 18.0770,
-68.8270

■ 255.0000, -0.0000,
-0.0000

■ 131.7720, 15.5550,
-67.1730

■ 217.2390, 15.7380,
-64.9820

■ 107.8390, 5.4210,
-59.7230

■ 229.5150, 24.3090,
-49.6030

■ 83.6070, -5.3090,
-52.4850

■ 241.6770, 33.2010,
-34.5350

■ 54.8900, -24.9790,
-48.4270

■ 245.8800, 25.6800,
-24.8800

■ 40.5030, -18.9750,
-36.0870

■ 249.1860, 16.3710,
-15.8610

■ 27.0020, -12.6500,
-24.0580

■ 252.4920, 7.0620,

■ 12.3270, -5.7750,

-6.8420

-10.9830

■ 0.0000, 0.0000,
0.0000

■ 159.3870, 18.0770,
-68.8270

■ 159.3870, 18.0770,
-68.8270

■ 155.0140, 20.3250,
-76.5310

■ 163.7600, 15.8290,
-61.1230

■ 154.4870, 20.3710,
-77.3650

■ 168.4320, 14.1770,
-53.2070

■ 172.8050, 11.9290,
-45.5030

■ 177.1780, 9.6810,
-37.7990

■ 181.8500, 8.0290,
-29.8830

■ 186.1090, 6.1020,
-22.4900

■ 190.4820, 3.8540,
-14.7860

■ 195.1540, 2.2020,
-6.8700

■ 199.5270, -0.0460,
0.8340

Harmonies

Analogous

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



168.1620, 76.5310, -48.8850



159.3870, 18.0770, -68.8270



135.1260, -91.1340, -77.4860

Triad

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



159.3870, 18.0770, -68.8270



150.5790, -138.7800, -28.9560



154.1770, 67.5710, 58.4750

Complementary

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



159.3870, 18.0770, -68.8270



61.6130, -18.0770, 68.8270

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.



176.2280, 37.1710, 69.7710



159.3870, 18.0770, -68.8270



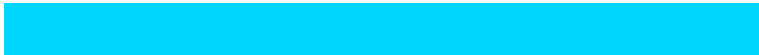
139.4260, -133.5550, -19.0190

Square

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



159.3870, 18.0770, -68.8270



154.6880, -140.7050, -32.6170



176.8320, -15.6410, 35.6790



155.1330, 86.9250, 27.0930

Rectangle

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



159.3870, 18.0770, -68.8270



143.5160, -109.2470, -63.0950



176.8320, -15.6410, 35.6790



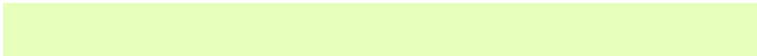
159.4890, 58.1250, 64.4690

Sweetspot

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



159.3870, 18.0770, -68.8270



239.6590, 7.2490, -26.7590



113.0780, 87.6170, 3.5290



118.5420, 3.6250, -16.1430



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



159.3870, 18.0770, -68.8270



197.8240, 25.8310, -99.2330



133.0750, -34.3710, -87.4830



97.0770, 1.1010, -3.4350



126.4780, 16.5630, -63.4130



28.0090, 3.8080, -13.9520

Inverse Universe

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



61.6130, -18.0770, 68.8270



57.1760, -25.8310, 99.2330



87.9250, 34.3710, 87.4830



91.9230, -1.1010, 3.4350



36.5220, -16.5630, 63.4130



7.9910, -3.8080, 13.9520

Previews

White Background



This preview shows how the YIQ color 159.3870, 18.0770, -68.8270 looks on a white 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

Black Background



This preview shows how the YIQ color 159.3870, 18.0770, -68.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

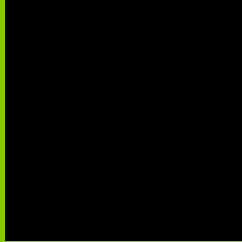
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3870, 18.0770, -68.8270

Background



This preview shows how black text looks on a background with the YIQ color 159.3870, 18.0770, -68.8270.



This preview shows how white text looks on a background with the YIQ color 159.3870, 18.0770,

-68.8270.

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

159.3870, 18.0770, -68.8270

Protanopia

167.9530, 66.9940, -46.7500

Deuteranopia

172.8530, 73.8680, -28.1480



Tritanopia

177.4410, -23.2910, -1.9070

Trichromacy



Original Color

159.3870, 18.0770, -68.8270

Protanomaly

164.9290, 49.2060, -54.7780

Deuteranomaly

167.9440, 54.0180, -42.8620

Tritanomaly

170.8730, -7.9730, -26.2210

Monochromacy



Original Color

159.3870, 18.0770, -68.8270

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.4140, 6.5610, -25.3030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3870, 18.0770, -68.8270 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(134, 199, 22)` looks like.

```
.text, #text, p{  
    color:rgb(134, 199, 22)  
}
```

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(134, 199, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 199, 22) }
```

Border

The CSS property to change the border of an element to YIQ 159.3870, 18.0770, -68.8270 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(134, 199, 22) }
```


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

```
.border{ border-color:rgb(134, 199, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 199, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 199, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 199, 22);  
box-shadow:4px 4px 4px 4px rgb(134, 199,  
22) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3870, 18.0770, -68.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 199, 22) }
```

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

```
.background{ background-color: rgb(134,  
199, 22) }
```

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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