

Converting Colors

YIQ(211.0670, 23.1150,
-38.9730)

Have a look what the booklet for
YIQ(211.0670, 23.1150, -38.9730)
contains.

YIQ(211.0670, 23.1150, -38.9730)	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(211.0670, 23.1150,
-38.9730)**

Conversions

Conversions Part 1

Format	Color
Hex	D1E677
RGB	209, 230, 119
RGB Percent	82%, 90%, 47%
CMY	0.1805, 0.0980, 0.5331
CMYK	0.09, 0.00, 0.48, 0.10
HSL	71°, 69%, 68%
HSV	71°, 48%, 90%
XYZ	57.9176, 71.4823, 28.2119
YIQ	211.0670, 23.1150, -38.9730

Conversions

Conversions Part 2

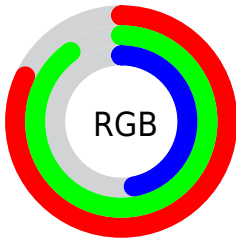
Format	Color
RYB	119, 230, 140
Decimal	13756023
CIELab	87.72, -23.17, 51.32
CIElCh	88, 56.309, 114.294
Yxy	71.4823, 0.3675, 0.4535
Android (android.graphics.Color)	4291946103 (0xFFD1E677)
YUV	211.0670, -45.3890, -1.8128
Hunter-Lab	84.5472, -25.6792, 39.3990

Details

The YIQ color **211.0670, 23.1150, -38.9730** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **137.9330, -23.1150, 38.9730**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **245.6520, 26.3220, -25.5020**, and **155.5230, 21.8310, -37.7290** is the 20% darker color. If you saturate the color by 10%, you get **207.2490, 28.1140, -46.9740**, and if you desaturate by 10%, it is **214.8850, 18.1160, -30.9720**.

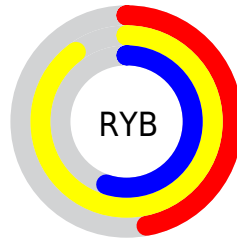
Distribution



Red (82%)

Green (90%)

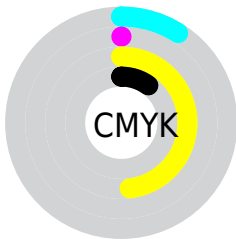
Blue (47%)



Red (47%)

Yellow (90%)

Blue (55%)

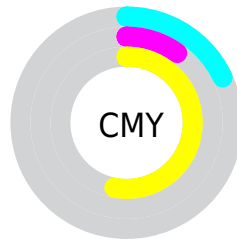


Cyan (9%)

Magenta (0%)

Yellow (48%)

Black (10%)



Cyan (18%)

Magenta (10%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.0670, 23.1150, -38.9730 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 211.0670, 23.1150, -38.9730 by changing the saturation by 10% instead.

■ 211.0670, 23.1150,
-38.9730

■ 211.0670, 23.1150,
-38.9730

■ 255.0000, -0.0000,
-0.0000

■ 182.9960, 21.8770,
-38.5630

■ 245.6520, 26.3220,
-25.5020

■ 156.1100, 21.5560,
-38.2520

■ 248.9580, 17.0130,
-16.4830

■ 128.8110, 20.9600,
-38.4640

■ 252.1500, 8.0250,
-7.7750

■ 101.8990, 23.5280,
-40.9520

■ 78.4670, 16.2370,
-35.4670

■ 56.9040, 7.9370,
-28.2150

■ 35.9170, -2.1050,

-22.4330

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 211.0670, 23.1150,
-38.9730

■ 211.0670, 23.1150,
-38.9730

■ 207.2490, 28.1140,
-46.9740

■ 214.8850, 18.1160,
-30.9720

■ 203.1320, 32.5170,
-55.1870

■ 219.0020, 13.7130,
-22.7590

■ 199.3140, 37.5160,
-63.1880

■ 222.8200, 8.7140,
-14.7580

■ 195.4960, 42.5150,
-71.1890

■ 226.6380, 3.7150,
-6.7570

■ 191.3790, 46.9180,
-79.4020

■ 230.7550, -0.6880,
1.4560

■ 190.6240, 47.6060,
-80.8580

■ 234.3450, -5.0450,
8.8350

■ 235.8400, -2.0650,
9.8950

■ 237.0360, 0.3190,
10.7430

■ 238.2320, 2.7030,
11.5910

Harmonies

Analogous

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



213.9300, 57.7740, -22.8180



211.0670, 23.1150, -38.9730



202.4920, -29.6100, -47.0980

Triad

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



211.0670, 23.1150, -38.9730



170.5370, -148.1300, -46.7380



206.5920, 28.8330, 33.6410

Complementary

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



211.0670, 23.1150, -38.9730



137.9330, -23.1150, 38.9730

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.



216.8450, 17.8750, 33.9950



211.0670, 23.1150, -38.9730



194.8880, -82.2500, -18.2020

Square

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



211.0670, 23.1150, -38.9730



174.0590, -149.7800, -49.8760



214.8310, -15.0410, 13.7830



201.7240, 45.2960, 16.1120

Rectangle

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



211.0670, 23.1150, -38.9730



192.2600, -75.8710, -51.2230



214.8310, -15.0410, 13.7830



210.4050, 22.2300, 37.6700

Sweetspot

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



211.0670, 23.1150, -38.9730



248.8030, 7.3840, -12.6800



163.9290, 60.6560, 13.0720



123.9970, 4.0820, -7.9020



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.



211.0670, 23.1150, -38.9730



229.7560, 30.8200, -51.9640



194.6220, -9.6650, -50.6330



113.0340, 2.6600, -4.1560



148.4280, 37.1950, -62.8770



42.1960, 10.4110, -17.9810

Inverse Universe

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



137.9330, -23.1150, 38.9730



132.2440, -30.8200, 51.9640



154.3780, 9.6650, 50.6330



104.9660, -2.6600, 4.1560



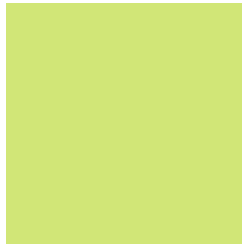
30.5720, -37.1950, 62.8770



8.8040, -10.4110, 17.9810

Previews

White Background



This preview shows how the YIQ color 211.0670, 23.1150, -38.9730 looks on a white background.

Color Contrast Check

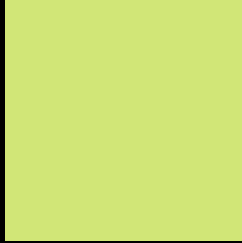
Large Text (above 18pt) WCAG AA × Fail

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 211.0670, 23.1150, -38.9730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

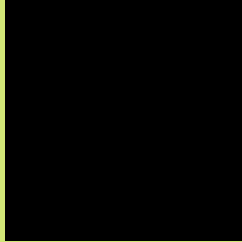
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.0670, 23.1150, -38.9730

Background



This preview shows how black text looks on a background with the YIQ color 211.0670, 23.1150, -38.9730.



This preview shows how white text looks on a background with the YIQ color 211.0670, 23.1150, -38.9730.

-38.9730.

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

211.0670, 23.1150, -38.9730

Protanopia

214.7220, 46.4960, -27.6800

Deuteranopia

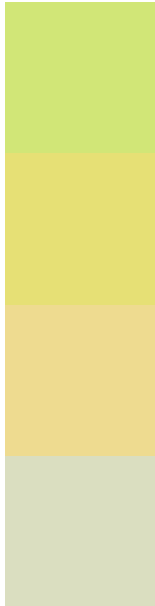
218.8150, 42.6410, -7.3670



Tritanopia

220.7320, -1.8810, 6.5590

Trichromacy



Original Color

211.0670, 23.1150, -38.9730

Protanomaly

213.5960, 37.9230, -32.0050

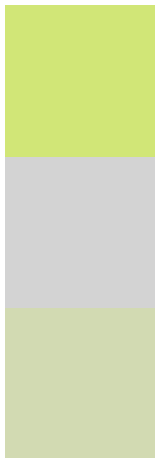
Deuteranomaly

216.1310, 35.3990, -19.2970

Tritanomaly

217.3840, 7.2460, -10.1780

Monochromacy



Original Color

211.0670, 23.1150, -38.9730

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.0480, 8.0720, -14.1360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.0670, 23.1150, -38.9730 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(209, 230, 119)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 119)  
}
```

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(209, 230, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 119) }
```

Border

The CSS property to change the border of an element to YIQ 211.0670, 23.1150, -38.9730 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(209, 230, 119) }
```


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

```
.border{ border-color:rgb(209, 230, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 230, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 230, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 230, 119); box-shadow:4px 4px 4px 4px rgb(209, 230, 119) }
```

Background

The CSS property to change the background color of an element to YIQ 211.0670, 23.1150, -38.9730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 119) }
```

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

```
.background{ background-color: rgb(209,  
230, 119) }
```

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