

Converting Colors

YIQ(191.9880, 59.8860,
-39.0740)

Have a look what the booklet for
YIQ(191.9880, 59.8860, -39.0740)
contains.

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Color

**YIQ(191.9880, 59.8860,
-39.0740)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C93B
RGB	225, 201, 59
RGB Percent	88%, 79%, 23%
CMY	0.1177, 0.2118, 0.7683
CMYK	0.00, 0.11, 0.74, 0.12
HSL	51°, 73%, 56%
HSV	51°, 74%, 88%
XYZ	52.7248, 58.0914, 12.5836
YIQ	191.9880, 59.8860, -39.0740

Conversions

Conversions Part 2

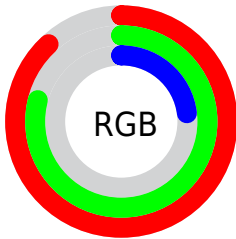
Format	Color
RYB	87, 225, 59
Decimal	14797115
CIELab	80.79, -6.37, 69.46
CIELCh	81, 69.750, 95.237
Yxy	58.0914, 0.4273, 0.4708
Android (android.graphics.Color)	4292987195 (0xFFE1C93B)
YUV	191.9880, -65.5631, 28.9515
Hunter-Lab	76.2177, -9.9008, 43.5636

Details

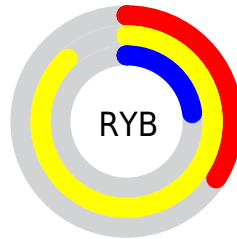
The YIQ color **191.9880, 59.8860, -39.0740** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light washed yellow. A complement of this color would be **92.0120, -59.8860, 39.0740**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.1540, 44.6190, -43.2290**, and **135.9230, 58.5110, -41.6890** is the 20% darker color. If you saturate the color by 10%, you get **187.7190, 67.7730, -44.3470**, and if you desaturate by 10%, it is **196.3710, 51.6780, -33.4900**.

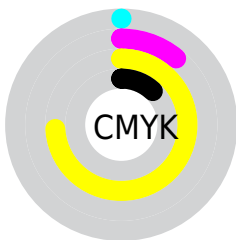
Distribution



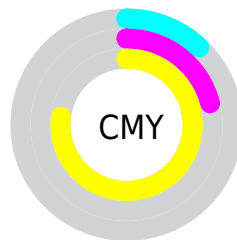
- Red (88%)
- Green (79%)
- Blue (23%)



- Red (34%)
- Yellow (88%)
- Blue (23%)



- Cyan (0%)
- Magenta (11%)
- Yellow (74%)
- Black (12%)



- Cyan (12%)
- Magenta (21%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.9880, 59.8860, -39.0740 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 191.9880, 59.8860, -39.0740 by changing the saturation by 10% instead.

191.9880, 59.8860,
-39.0740

191.9880, 59.8860,
-39.0740

255.0000, -0.0000,
-0.0000

163.2930, 60.3450,
-41.8870

239.1540, 44.6190,
-43.2290

135.9230, 58.5110,
-41.6890

242.3460, 35.6310,
-34.5210

112.5770, 48.1020,
-34.7620

245.5380, 26.6430,
-25.8130

89.5300, 38.2890,
-27.6230

248.8440, 17.3340,
-16.7940

67.6570, 27.9260,
-21.5300

252.1500, 8.0250,
-7.7750

46.9690, 18.4800,
-15.5360

27.1670, 9.3550,

-9.8530

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,
0.0000

■ 191.9880, 59.8860,
-39.0740

■ 191.9880, 59.8860,
-39.0740

■ 187.7190, 67.7730,
-44.3470

■ 196.3710, 51.6780,
-33.4900

■ 182.7490, 76.2560,
-49.4080

■ 201.2270, 43.5160,
-28.7400

■ 179.9790, 81.3000,
-52.7160

■ 205.6100, 35.3080,
-23.1560

■ 209.8790, 27.4210,
-17.8830

■ 214.2620, 19.2130,
-12.2990

■ 219.1180, 11.0510,
-7.5490

■ 223.5010, 2.8430,
-1.9650

■ 227.7700, -5.0440,
3.3080

■ 231.3550,
-11.0050, 6.7150

Harmonies

Analogous

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



189.1500, 77.9460, -13.9420



191.9880, 59.8860, -39.0740



184.8270, 5.6950, -53.6730

Triad

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



191.9880, 59.8860, -39.0740



164.6670, -145.3800, -41.5080



194.5390, 28.3250, 53.8690

Complementary

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



191.9880, 59.8860, -39.0740



92.0120, -59.8860, 39.0740

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.



198.7380, -0.8770, 32.4270



191.9880, 59.8860, -39.0740



159.3840, -142.9050, -36.8010

Square

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



191.9880, 59.8860, -39.0740



160.1240, -131.2100, -56.0260



173.3360, -89.0830, -10.0030



180.3130, 51.8480, 40.5520

Rectangle

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



191.9880, 59.8860, -39.0740



175.3880, -44.4170, -59.5930



173.3360, -89.0830, -10.0030



199.2350, 26.1250, 49.6850

Sweetspot

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



191.9880, 59.8860, -39.0740



243.9200, 20.1760, -13.2320



111.4840, 90.9110, 42.9670



121.1890, 12.2890, -7.9590



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.



191.9880, 59.8860, -39.0740



210.6800, 80.7040, -52.9280



188.7340, 18.7180, -63.9220



110.1590, 3.8060, -2.8980



141.2610, 63.3710, -41.6610



38.4190, 17.3330, -11.2670

Inverse Universe

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



92.0120, -59.8860, 39.0740



75.3200, -80.7040, 52.9280



95.2660, -18.7180, 63.9220



103.4280, -4.0810, 2.3750



34.7390, -63.3710, 41.6610



9.5810, -17.3330, 11.2670

Previews

White Background



This preview shows how the YIQ color 191.9880, 59.8860, -39.0740 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 191.9880, 59.8860, -39.0740 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 191.9880, 59.8860, -39.0740

Background



This preview shows how black text looks on a background with the YIQ color 191.9880, 59.8860, -39.0740.



This preview shows how white text looks on a background with the YIQ color 191.9880, 59.8860,

-39.0740.

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

191.9880, 59.8860, -39.0740

Protanopia

191.9880, 59.8860, -39.0740

Deuteranopia

193.7610, 77.1230, -26.5650



Tritanopia

203.9480, 24.1140, 14.5300

Trichromacy



Original Color

191.9880, 59.8860, -39.0740

Protanomaly

191.9880, 59.8860, -39.0740

Deuteranomaly

193.3040, 70.9800, -30.8760

Tritanomaly

199.7590, 37.0470, -5.1050

Monochromacy



Original Color

191.9880, 59.8860, -39.0740

Achromatopsia

192.0000, -0.0000, 0.0000

Achromatomaly

191.8770, 21.7350, -13.9530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.9880, 59.8860, -39.0740 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(225, 201, 59)` looks like.

```
.text, #text, p{  
    color:rgb(225, 201, 59)  
}
```

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(225, 201, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 201, 59) }
```

Border

The CSS property to change the border of an element to YIQ 191.9880, 59.8860, -39.0740 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(225, 201, 59) }
```


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

```
.border{ border-color:rgb(225, 201, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 201, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 201, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 201, 59);  
box-shadow:4px 4px 4px 4px rgb(225, 201,  
59) }
```

Background

The CSS property to change the background color of an element to YIQ 191.9880, 59.8860, -39.0740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 201, 59) }
```

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

```
.background{ background-color: rgb(225,  
201, 59) }
```

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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