

Converting Colors

YIQ(211.3870, 37.5540,
-19.8060)

Have a look what the booklet for
YIQ(211.3870, 37.5540, -19.8060)
contains.

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Color

**YIQ(211.3870, 37.5540,
-19.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD688
RGB	235, 214, 136
RGB Percent	92%, 84%, 53%
CMY	0.0784, 0.1608, 0.4664
CMYK	0.00, 0.09, 0.42, 0.08
HSL	47°, 71%, 73%
HSV	47°, 42%, 92%
XYZ	62.7531, 67.5299, 33.0396
YIQ	211.3870, 37.5540, -19.8060

Conversions

Conversions Part 2

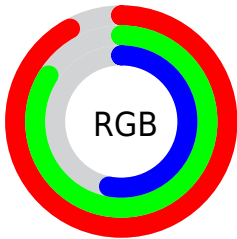
Format	Color
RYB	163, 235, 136
Decimal	15455880
CIELab	85.77, -3.29, 41.07
CIELCh	86, 41.202, 94.576
Yxy	67.5299, 0.3842, 0.4135
Android (android.graphics.Color)	4293645960 (0xFFEBD688)
YUV	211.3870, -37.1658, 20.7086
Hunter-Lab	82.1766, -7.4998, 33.6857

Details

The YIQ color **211.3870, 37.5540, -19.8060** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **159.6130, -37.5540, 19.8060**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.5900, 20.8650, -20.2150**, and **156.2450, 35.0780, -18.9860** is the 20% darker color. If you saturate the color by 10%, you get **205.8300, 46.3120, -24.3440**, and if you desaturate by 10%, it is **217.0580, 28.4750, -14.9570**.

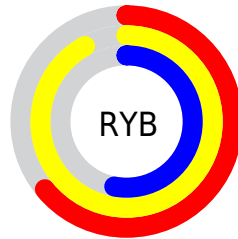
Distribution



Red (92%)

Green (84%)

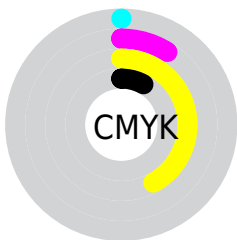
Blue (53%)



Red (64%)

Yellow (92%)

Blue (53%)

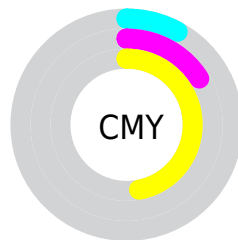


Cyan (0%)

Magenta (9%)

Yellow (42%)

Black (8%)



Cyan (8%)

Magenta (16%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.3870, 37.5540, -19.8060 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 211.3870, 37.5540, -19.8060 by changing the saturation by 10% instead.

211.3870, 37.5540,
-19.8060

211.3870, 37.5540,
-19.8060

255.0000, -0.0000,
-0.0000

183.3160, 36.3160,
-19.3960

247.5900, 20.8650,
-20.2150

156.2450, 35.0780,
-18.9860

250.8960, 11.5560,
-11.1960

129.7610, 33.5650,
-19.0990

254.0880, 2.5680,
-2.4880

104.1630, 32.3730,
-19.5230

78.9240, 31.5480,
-21.0920

57.0360, 25.5410,
-16.8510

37.2340, 16.4160,

-11.1680

■ 18.0190, 7.0160,
-6.0080

■ 0.0000, 0.0000,
0.0000

■ 211.3870, 37.5540,
-19.8060

■ 211.3870, 37.5540,
-19.8060

■ 205.8300, 46.3120,
-24.3440

■ 217.0580, 28.4750,
-14.9570

■ 200.1590, 55.3910,
-29.1930

■ 222.6150, 19.7170,
-10.4190

■ 194.6020, 64.1490,
-33.7310

■ 228.2860, 10.6380,
-5.5700

■ 188.9310, 73.2280,
-38.5800

■ 233.8430, 1.8800,
-1.0320

■ 183.3740, 81.9860,
-43.1180

■ 239.5140, -7.1990,
3.8170

■ 178.8600, 89.1850,
-46.9350

■ 242.5630, -8.8950,
1.5130

■ 245.4980,
-10.2700, -1.1020

■ 248.4330,
-11.6450, -3.7170

■ 249.0200,
-11.9200, -4.2400

Harmonies

Analogous

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



210.7620, 50.1600, -5.9680



211.3870, 37.5540, -19.8060



206.7680, 5.3240, -30.4200

Triad

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



211.3870, 37.5540, -19.8060



187.6570, -103.8890, -28.0250



216.1610, 19.8010, 32.1290

Complementary

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



211.3870, 37.5540, -19.8060



159.6130, -37.5540, 19.8060

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.



215.5170, -2.1130, 21.7830



211.3870, 37.5540, -19.8060



194.3120, -80.5080, -16.7320

Square

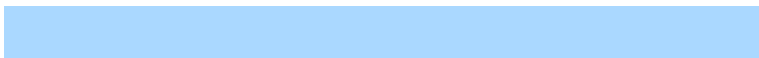
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



211.3870, 37.5540, -19.8060



192.8000, -76.7910, -34.5430



206.6920, -39.9350, 2.3770



208.1930, 33.9700, 23.1380

Rectangle

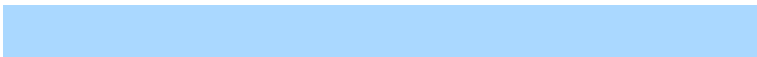
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



211.3870, 37.5540, -19.8060



203.1870, -20.9010, -34.2210



206.6920, -39.9350, 2.3770



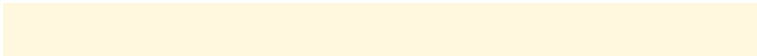
218.6060, 17.0500, 32.4260

Sweetspot

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



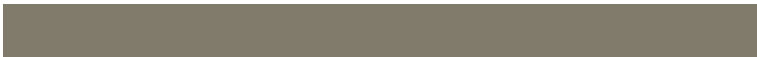
211.3870, 37.5540, -19.8060



247.1290, 12.5180, -6.6020



167.9950, 52.2630, 27.5190



122.6710, 8.1160, -3.9160



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.



211.3870, 37.5540, -19.8060



223.7440, 49.4300, -25.7860



215.3420, 15.0910, -36.7250



114.5720, 4.0810, -2.3750



138.0600, 68.5510, -36.4170



40.8000, 20.6340, -10.5180

Inverse Universe

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



159.6130, -37.5540, 19.8060



156.2560, -49.4300, 25.7860



155.6580, -15.0910, 36.7250



108.4280, -4.0810, 2.3750



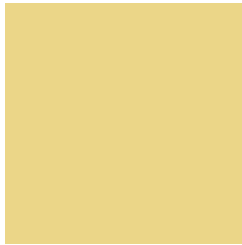
42.9400, -68.5510, 36.4170



12.6130, -20.3590, 11.0410

Previews

White Background



This preview shows how the YIQ color 211.3870, 37.5540, -19.8060 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 211.3870, 37.5540, -19.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

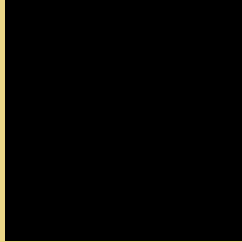
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 211.3870, 37.5540, -19.8060

Background



This preview shows how black text looks on a background with the YIQ color 211.3870, 37.5540, -19.8060.



This preview shows how white text looks on a background with the YIQ color 211.3870, 37.5540,

-19.8060.

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

211.3870, 37.5540, -19.8060

Protanopia

211.0880, 36.9580, -20.0180

Deuteranopia

213.8110, 48.4640, -8.2720



Tritanopia

217.7840, 18.7040, 13.4560

Trichromacy



Original Color

211.3870, 37.5540, -19.8060

Protanomaly

211.0880, 36.9580, -20.0180

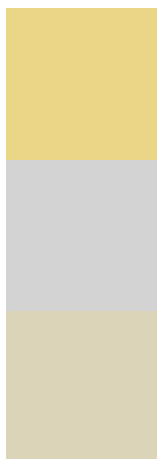
Deuteranomaly

213.0230, 44.7510, -12.5690

Tritanomaly

215.7010, 25.7670, 1.0870

Monochromacy



Original Color

211.3870, 37.5540, -19.8060

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

211.2000, 13.7560, -7.0120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.3870, 37.5540, -19.8060 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(235, 214, 136)` looks like.

```
.text, #text, p{  
    color:rgb(235, 214, 136)  
}
```

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(235, 214, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 214, 136) }
```

Border

The CSS property to change the border of an element to YIQ 211.3870, 37.5540, -19.8060 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(235, 214, 136) }
```


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

```
.border{ border-color:rgb(235, 214, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 214, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 214, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 214, 136);  
box-shadow:4px 4px 4px 4px rgb(235, 214,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 211.3870, 37.5540, -19.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 214, 136) }
```

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

```
.background{ background-color: rgb(235,  
214, 136) }
```

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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