

Converting Colors

YIQ(197.8150, -37.5890,
-40.1570)

Have a look what the booklet for
YIQ(197.8150, -37.5890, -40.1570)
contains.

YIQ(197.8150, -37.5890, -40.1570)	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(197.8150, -37.5890,
-40.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	89EAAB
RGB	137, 234, 171
RGB Percent	54%, 92%, 67%
CMY	0.4630, 0.0822, 0.3295
CMYK	0.41, 0.00, 0.27, 0.08
HSL	141°, 70%, 73%
HSV	141°, 41%, 92%
XYZ	47.0879, 67.1206, 48.9891
YIQ	197.8150, -37.5890, -40.1570

Conversions

Conversions Part 2

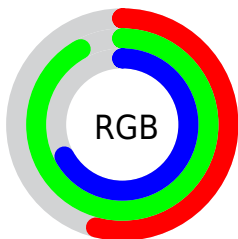
Format	Color
RYB	137, 209, 234
Decimal	9038507
CIELab	85.56, -42.15, 21.86
CIELCh	86, 47.477, 152.587
Yxy	67.1206, 0.2885, 0.4113
Android (android.graphics.Color)	4287228587 (0xFF89EAAB)
YUV	197.8150, -13.2198, -53.3348
Hunter-Lab	81.9272, -40.7792, 21.8960

Details

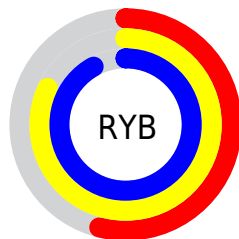
The YIQ color **197.8150, -37.5890, -40.1570** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **173.1850, 37.5890, 40.1570**, and the grayscale version is **198.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.5690, -27.3680, -21.6400**, and **142.1570, -38.5520, -39.2240** is the 20% darker color. If you saturate the color by 10%, you get **189.2280, -46.4820, -49.6980**, and if you desaturate by 10%, it is **206.4020, -28.6960, -30.6160**.

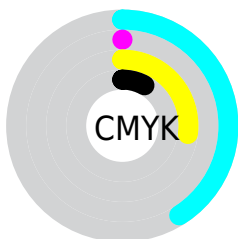
Distribution



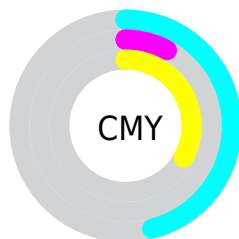
- Red (54%)
- Green (92%)
- Blue (67%)



- Red (54%)
- Yellow (82%)
- Blue (92%)



- Cyan (41%)
- Magenta (0%)
- Yellow (27%)
- Black (8%)



- Cyan (46%)
- Magenta (8%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 197.8150, -37.5890, -40.1570 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 197.8150, -37.5890, -40.1570 by changing the saturation by 10% instead.

■ 197.8150,
-37.5890, -40.1570

■ 197.8150,
-37.5890, -40.1570

■ 255.0000, -0.0000,
-0.0000

■ 169.9290,
-37.9100, -39.8460

■ 233.5690,
-27.3680, -21.6400

■ 142.1570,
-38.5520, -39.2240

■ 245.4320,
-19.0720, -6.7840

■ 113.9010,
-40.7070, -38.7150

■ 254.4020, -1.1920,
-0.4240

■ 84.2420, -49.0970,
-40.8490

■ 62.8840, -42.0370,
-36.6370

■ 46.2880, -28.3750,
-30.9270

■ 29.3500, -13.7500,

-26.1500

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 197.8150,
-37.5890, -40.1570

■ 197.8150,
-37.5890, -40.1570

■ 189.2280,
-46.4820, -49.6980

■ 206.4020,
-28.6960, -30.6160

■ 180.3420,
-55.9710, -59.4510

■ 215.2880,
-19.2070, -20.8630

■ 171.6410,
-64.5430, -69.3030

■ 223.9890,
-10.6350, -11.0110

■ 162.7550,
-74.0320, -79.0560

■ 232.8750, -1.1460,
-1.2580

■ 154.1680,
-82.9250, -88.5970

■ 241.4620, 7.7470,
8.2830

■ 146.7060,
-90.6720, -96.8800

■ 242.6730, 5.7750,
10.9830

Harmonies

Analogous

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



205.5740, 8.6260, -35.1980



197.8150, -37.5890, -40.1570



184.3630, -94.8540, -43.0940

Triad

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



197.8150, -37.5890, -40.1570



202.1960, -50.3420, -1.7500



202.8180, 47.7270, 10.5990

Complementary

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



197.8150, -37.5890, -40.1570



173.1850, 37.5890, 40.1570

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.



204.8990, 34.9780, 26.8980



197.8150, -37.5890, -40.1570



214.0330, -3.6260, 21.6700

Square

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



197.8150, -37.5890, -40.1570



181.4330, -109.0700, -27.7420



213.9100, 19.2500, 36.6100



207.2740, 54.4700, -6.9860

Rectangle

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



197.8150, -37.5890, -40.1570



167.2770, -144.4620, -47.1340



213.9100, 19.2500, 36.6100



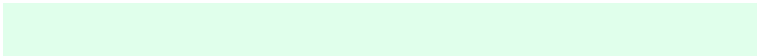
202.6530, 44.0580, 16.5220

Sweetspot

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



197.8150, -37.5890, -40.1570



243.4510, -12.0560, -12.7920



212.7760, 10.8730, -37.3750



121.2500, -6.8760, -7.5480



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.



197.8150, -37.5890, -40.1570



207.5650, -49.0490, -52.7370



203.2870, -52.9970, -25.2290



112.9130, -4.3090, -4.5090



113.4290, -69.9980, -75.0700



33.8640, -20.9490, -22.3330

Inverse Universe

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



173.1850, 37.5890, 40.1570



175.3210, 49.3700, 52.4260



167.5990, 53.3180, 24.9180



110.0870, 4.3090, 4.5090



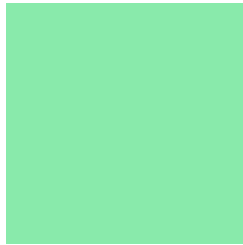
67.5710, 69.9980, 75.0700



20.1360, 20.9490, 22.3330

Previews

White Background



This preview shows how the YIQ color 197.8150, -37.5890, -40.1570 looks on a white background.

Color Contrast Check

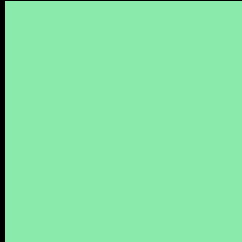
Large Text (above 18pt) WCAG AA × Fail

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 197.8150, -37.5890, -40.1570 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 197.8150, -37.5890, -40.1570 Background



This preview shows how black text looks on a background with the YIQ color 197.8150, -37.5890, -40.1570.



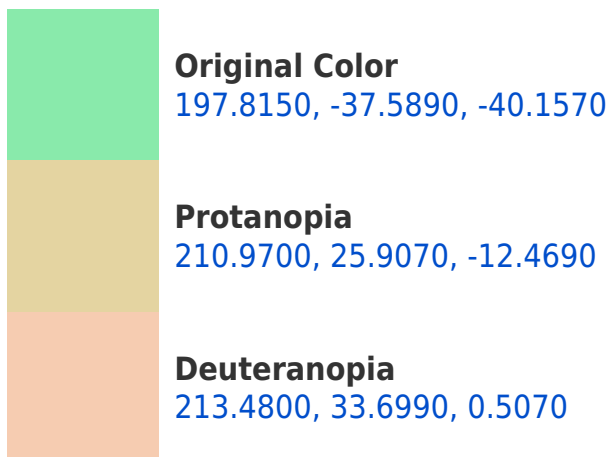
This preview shows how white text looks on a background with the YIQ color 197.8150, -37.5890, -40.1570.

-40.1570.

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





Tritanopia

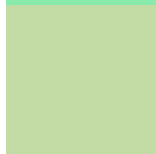
205.5240, -48.6900, -9.6660

Trichromacy



Original Color

197.8150, -37.5890, -40.1570



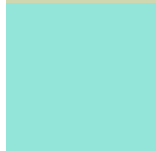
Protanomaly

206.2550, 2.7550, -22.4050



Deuteranomaly

207.7490, 7.4760, -14.3480



Tritanomaly

202.5270, -44.7450, -20.5930

Monochromacy



Original Color

197.8150, -37.5890, -40.1570



Achromatopsia

198.0000, -0.0000, 0.0000



Achromatomaly

197.9130, -13.4770, -14.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 197.8150, -37.5890, -40.1570 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(137, 234, 171)` looks like.

```
.text, #text, p{  
    color:rgb(137, 234, 171)  
}
```

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(137, 234, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 234, 171) }
```

Border

The CSS property to change the border of an element to YIQ 197.8150, -37.5890, -40.1570 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(137, 234, 171) }
```


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

```
.border{ border-color:rgb(137, 234, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 234, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 234, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 234, 171);  
box-shadow:4px 4px 4px 4px rgb(137, 234,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 197.8150, -37.5890, -40.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 234, 171) }
```

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

```
.background{ background-color: rgb(137,  
234, 171) }
```

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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