

Converting Colors

YIQ(189.7070, -37.4050,
-43.4930)

Have a look what the booklet for
YIQ(189.7070, -37.4050, -43.4930)
contains.

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Color

**YIQ(189.7070, -37.4050,
-43.4930)**

Conversions

Conversions Part 1

Format	Color
Hex	7FE49D
RGB	127, 228, 157
RGB Percent	50%, 89%, 62%
CMY	0.5022, 0.1057, 0.3844
CMYK	0.44, 0.00, 0.31, 0.11
HSL	138°, 65%, 70%
HSV	138°, 44%, 89%
XYZ	42.5804, 62.4500, 41.6975
YIQ	189.7070, -37.4050, -43.4930

Conversions

Conversions Part 2

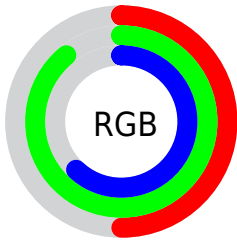
Format	Color
RYB	127, 205, 228
Decimal	8381597
CIELab	83.15, -44.80, 25.71
CIELCh	83, 51.652, 150.143
Yxy	62.4500, 0.2902, 0.4256
Android (android.graphics.Color)	4286571677 (0xFF7FE49D)
YUV	189.7070, -16.1246, -54.9940
Hunter-Lab	79.0253, -42.1150, 24.0336

Details

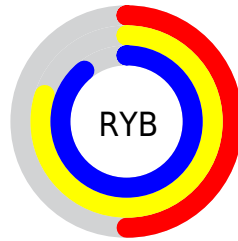
The YIQ color **189.7070, -37.4050, -43.4930** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **165.2930, 37.4050, 43.4930**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.8690, -28.5130, -28.4250**, and **133.8640, -39.2850, -42.4610** is the 20% darker color. If you saturate the color by 10%, you get **181.0060, -45.9770, -53.3450**, and if you desaturate by 10%, it is **198.4080, -28.8330, -33.6410**.

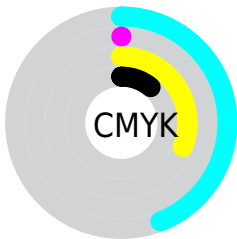
Distribution



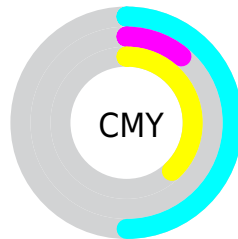
- Red (50%)
- Green (89%)
- Blue (62%)



- Red (50%)
- Yellow (80%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (31%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.7070, -37.4050, -43.4930 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 189.7070, -37.4050, -43.4930 by changing the saturation by 10% instead.

■ 189.7070,
-37.4050, -43.4930

■ 189.7070,
-37.4050, -43.4930

■ 255.0000, -0.0000,
-0.0000

■ 161.9350,
-38.0470, -42.8710

■ 228.8690,
-28.5130, -28.4250

■ 133.8640,
-39.2850, -42.4610

■ 240.7320,
-20.2170, -13.5690

■ 105.7110,
-43.2280, -42.5880

■ 251.1130, -7.7480,
-2.7560

■ 76.3510, -51.0220,
-44.5100

■ 58.4670, -36.4890,
-38.0650

■ 41.1700, -22.2310,
-32.1430

■ 27.0020, -12.6500,

-24.0580

■ 11.1530, -5.2250,
-9.9370

■ 0.0000, 0.0000,
0.0000

■ 189.7070,
-37.4050, -43.4930

■ 189.7070,
-37.4050, -43.4930

■ 181.0060,
-45.9770, -53.3450

■ 198.4080,
-28.8330, -33.6410

■ 172.3050,
-54.5490, -63.1970


■ 207.1090,
-20.2610, -23.7890


■ 163.9030,
-62.5250, -72.8370


■ 215.5110,
-12.2850, -14.1490

■ 155.2020,
-71.0970, -82.6890


■ 224.2120, -3.7130,
-4.2970

 146.5010,
-79.6690, -92.5410

 232.9130, 4.8590,
5.5550

 141.5880,
-84.5280, -98.0960

 238.9230, 8.0670,
13.4990

 239.1510, 7.4250,
14.1210

Harmonies

Analogous

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



198.2600, 12.3860, -37.2620



189.7070, -37.4050, -43.4930



165.6480, -118.0060, -53.0300

Triad

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



189.7070, -37.4050, -43.4930



191.7860, -63.8670, -4.4350



195.5630, 52.9990, 14.1750

Complementary

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



189.7070, -37.4050, -43.4930



165.2930, 37.4050, 43.4930

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.



198.6870, 38.6910, 31.1950



189.7070, -37.4050, -43.4930



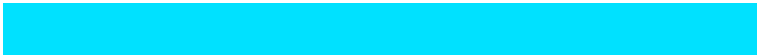
206.3360, -8.8530, 22.7870

Square

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



189.7070, -37.4050, -43.4930



161.1450, -143.7300, -38.3700



209.2140, 21.4500, 40.7940



200.1500, 60.7510, -5.1770

Rectangle

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



189.7070, -37.4050, -43.4930



163.4300, -140.5190, -47.0070



209.2140, 21.4500, 40.7940



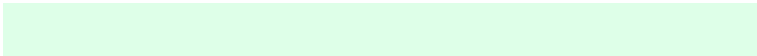
195.5120, 49.0090, 20.4090

Sweetspot

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



189.7070, -37.4050, -43.4930



242.5110, -12.2850, -14.1490



207.8150, 15.1370, -37.5590



120.0110, -7.7010, -9.1170



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.



189.7070, -37.4050, -43.4930



203.8050, -49.9650, -58.1650



195.2930, -53.1340, -28.2540



110.5000, -4.5840, -5.0320



111.1150, -66.2380, -77.1340



31.6470, -18.8400, -22.0080

Inverse Universe

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



165.2930, 37.4050, 43.4930



171.1950, 49.9650, 58.1650



159.7070, 53.1340, 28.2540



107.5000, 4.5840, 5.0320



67.7710, 66.5590, 76.8230



19.3530, 18.8400, 22.0080

Previews

White Background



This preview shows how the YIQ color 189.7070, -37.4050, -43.4930 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 189.7070, -37.4050, -43.4930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

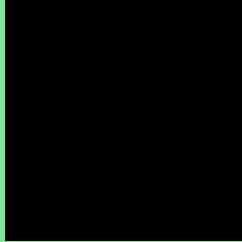
Any Text WCAG AA ✓ Pass

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 189.7070, -37.4050, -43.4930 Background



This preview shows how black text looks on a background with the YIQ color 189.7070, -37.4050, -43.4930.



This preview shows how white text looks on a background with the YIQ color 189.7070, -37.4050, -43.4930.

-43.4930.

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

189.7070, -37.4050, -43.4930

Protanopia

204.0580, 28.4750, -14.9570

Deuteranopia

206.6820, 35.9460, -1.6700



Tritanopia

198.2250, -49.2860, -9.8780

Trichromacy



Original Color

189.7070, -37.4050, -43.4930



Protanomaly

198.7450, 4.1310, -25.3170



Deuteranomaly

200.5380, 9.4480, -17.0480



Tritanomaly

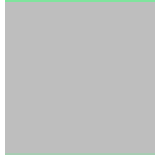
195.1740, -45.2490, -22.4730

Monochromacy



Original Color

189.7070, -37.4050, -43.4930



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.9730, -13.7060, -15.9300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.7070, -37.4050, -43.4930 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(127, 228, 157)` looks like.

```
.text, #text, p{  
    color:rgb(127, 228, 157)  
}
```

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(127, 228, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 228, 157) }
```

Border

The CSS property to change the border of an element to YIQ 189.7070, -37.4050, -43.4930 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(127, 228, 157) }
```


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

```
.border{ border-color:rgb(127, 228, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 228, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 228, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 228, 157); box-shadow:4px 4px 4px 4px rgb(127, 228, 157) }
```

Background

The CSS property to change the background color of an element to YIQ 189.7070, -37.4050, -43.4930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 228, 157) }
```

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

```
.background{ background-color: rgb(127,  
228, 157) }
```

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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