

Converting Colors

YIQ(176.8370, -34.6550,
-38.2630)

Have a look what the booklet for
YIQ(176.8370, -34.6550, -38.2630)
contains.

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Color

**YIQ(176.8370, -34.6550,
-38.2630)**

Conversions

Conversions Part 1

Format	Color
Hex	78D396
RGB	120, 211, 150
RGB Percent	47%, 83%, 59%
CMY	0.5297, 0.1724, 0.4118
CMYK	0.43, 0.00, 0.29, 0.17
HSL	140°, 51%, 65%
HSV	140°, 43%, 83%
XYZ	36.5436, 52.7972, 37.1093
YIQ	176.8370, -34.6550, -38.2630

Conversions

Conversions Part 2

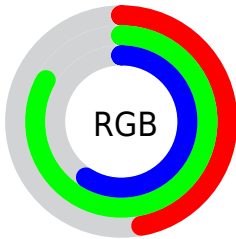
Format	Color
RYB	120, 188, 211
Decimal	7918486
CIELab	77.76, -40.54, 21.94
CIELCh	78, 46.099, 151.574
Yxy	52.7972, 0.2890, 0.4175
Android (android.graphics.Color)	4286108566 (0xFF78D396)
YUV	176.8370, -13.2306, -49.8460
Hunter-Lab	72.6617, -37.3851, 20.5830

Details

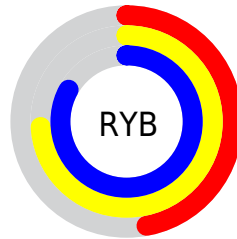
The YIQ color **176.8370, -34.6550, -38.2630** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **154.1630, 34.6550, 38.2630**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.5650, -30.7130, -32.6090**, and **121.9940, -36.5350, -37.2310** is the 20% darker color. If you saturate the color by 10%, you get **168.9620, -42.6770, -47.0690**, and if you desaturate by 10%, it is **184.7120, -26.6330, -29.4570**.

Distribution



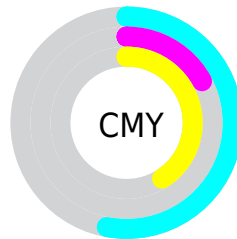
- Red (47%)
- Green (83%)
- Blue (59%)



- Red (47%)
- Yellow (74%)
- Blue (83%)



- Cyan (43%)
- Magenta (0%)
- Yellow (29%)
- Black (17%)



- Cyan (53%)
- Magenta (17%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.8370, -34.6550, -38.2630 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 176.8370, -34.6550, -38.2630 by changing the saturation by 10% instead.

■ 176.8370,
-34.6550, -38.2630

■ 176.8370,
-34.6550, -38.2630

■ 255.0000, -0.0000,
-0.0000

■ 149.0650,
-35.2970, -37.6410

■ 225.5650,
-30.7130, -32.6090

■ 121.9940,
-36.5350, -37.2310

■ 237.5420,
-22.7380, -17.4420

■ 94.1400, -39.8820,
-37.1460

■ 248.7210,
-12.5160, -4.4520

■ 66.8620, -44.9710,
-38.5310

■ 49.6790, -31.0340,
-32.2980

■ 32.9690, -17.0510,
-26.8990

■ 19.9580, -9.3500,

-17.7820

■ 0.0000, 0.0000,
0.0000

■ 176.8370,
-34.6550, -38.2630

■ 176.8370,
-34.6550, -38.2630

■ 168.9620,
-42.6770, -47.0690

■ 184.7120,
-26.6330, -29.4570

■ 161.0870,
-50.6990, -55.8750

■ 192.5870,
-18.6110, -20.6510

■ 153.2120,
-58.7210, -64.6810

■ 200.4620,
-10.5890, -11.8450

■ 145.2230,
-66.4220, -73.7980

■ 208.4510, -2.8880,
-2.7280

■ 137.0490,
-75.0400, -82.8160

■ 216.3260, 5.1340,
6.0780

■ 131.8370,
-80.4950, -88.5830

■ 224.5000, 13.7520,
15.0960

■ 228.4880, 14.0260,
21.1460

■ 229.1720, 12.1000,
23.0120

Harmonies

Analogous

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



184.2260, 9.7260, -33.1060



176.8370, -34.6550, -38.2630



161.6620, -94.2580, -42.8820

Triad

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



176.8370, -34.6550, -38.2630



182.9920, -58.2750, 4.3570



188.4390, 59.2800, 15.9840

Complementary

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



176.8370, -34.6550, -38.2630



154.1630, 34.6550, 38.2630

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.



190.8790, 46.8980, 31.1380



176.8370, -34.6550, -38.2630



194.2310, -12.7510, 27.3530

Square

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



176.8370, -34.6550, -38.2630



153.5690, -132.8200, -26.8360



197.6830, 27.3190, 39.0550



191.5250, 64.1890, -1.4030

Rectangle

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



176.8370, -34.6550, -38.2630



150.9260, -130.1120, -42.8800



197.6830, 27.3190, 39.0550



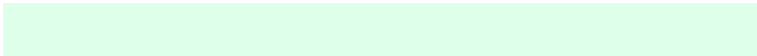
188.7470, 55.6570, 21.0730

Sweetspot

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



176.8370, -34.6550, -38.2630



242.6250, -12.6060, -13.8380



191.9550, 11.9270, -34.4490



120.1250, -8.0220, -8.8060



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.



176.8370, -34.6550, -38.2630



205.0870, -50.6990, -55.8750



181.8530, -48.7790, -24.5790



100.9130, -4.3090, -4.5090



104.8860, -63.8550, -70.7590



25.5490, -15.4480, -17.4000

Inverse Universe

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



154.1630, 34.6550, 38.2630



171.9130, 50.6990, 55.8750



149.1470, 48.7790, 24.5790



98.0870, 4.3090, 4.5090



63.1140, 63.8550, 70.7590



15.3370, 15.7690, 17.0890

Previews

White Background



This preview shows how the YIQ color 176.8370, -34.6550, -38.2630 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 176.8370, -34.6550, -38.2630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

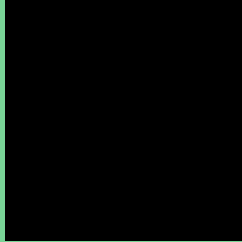
Any Text WCAG AA ✓ Pass

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 176.8370, -34.6550, -38.2630 Background



This preview shows how black text looks on a background with the YIQ color 176.8370, -34.6550, -38.2630.



This preview shows how white text looks on a background with the YIQ color 176.8370, -34.6550, -38.2630.

-38.2630.

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

176.8370, -34.6550, -38.2630

Protanopia

189.4860, 24.3940, -12.5820

Deuteranopia

192.1700, 31.6360, -0.6520



Tritanopia

184.0900, -44.4720, -9.0160

Trichromacy



Original Color

176.8370, -34.6550, -38.2630



Protanomaly

184.6680, 3.0300, -21.8820



Deuteranomaly

186.7490, 7.4760, -14.3480



Tritanomaly

181.2070, -40.8480, -19.6320

Monochromacy



Original Color

176.8370, -34.6550, -38.2630



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.6250, -12.6060, -13.8380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.8370, -34.6550, -38.2630 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(120, 211, 150)` looks like.

```
.text, #text, p{  
    color:rgb(120, 211, 150)  
}
```

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(120, 211, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 211, 150) }
```

Border

The CSS property to change the border of an element to YIQ 176.8370, -34.6550, -38.2630 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(120, 211, 150) }
```


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

```
.border{ border-color:rgb(120, 211, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 211, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 211, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 211, 150);  
box-shadow:4px 4px 4px 4px rgb(120, 211,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 176.8370, -34.6550, -38.2630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 211, 150) }
```

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

```
.background{ background-color: rgb(120,  
211, 150) }
```

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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