

Converting Colors

YIQ(196.7810, -40.2490,
-36.0010)

Have a look what the booklet for
YIQ(196.7810, -40.2490, -36.0010)
contains.

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Color

**YIQ(196.7810, -40.2490,
-36.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	88E7B4
RGB	136, 231, 180
RGB Percent	53%, 91%, 71%
CMY	0.4669, 0.0939, 0.2942
CMYK	0.41, 0.00, 0.22, 0.09
HSL	148°, 66%, 72%
HSV	148°, 41%, 91%
XYZ	46.9648, 65.6969, 53.3691
YIQ	196.7810, -40.2490, -36.0010

Conversions

Conversions Part 2

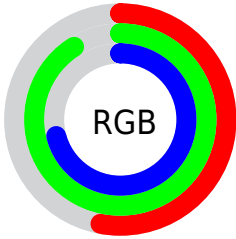
Format	Color
RYB	136, 201, 231
Decimal	8972212
CIELab	84.84, -39.37, 16.17
CIELCh	85, 42.565, 157.668
Yxy	65.6969, 0.2829, 0.3957
Android (android.graphics.Color)	4287162292 (0xFF88E7B4)
YUV	196.7810, -8.2730, -53.3049
Hunter-Lab	81.0536, -38.4157, 17.6985

Details

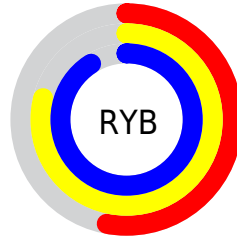
The YIQ color **196.7810, -40.2490, -36.0010** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **170.2190, 40.2490, 36.0010**, and the grayscale version is **197.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.2960, -30.8530, -19.0530**, and **141.1230, -41.2120, -35.0680** is the 20% darker color. If you saturate the color by 10%, you get **188.5360, -50.1050, -44.6090**, and if you desaturate by 10%, it is **205.0260, -30.3930, -27.3930**.

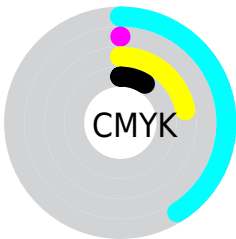
Distribution



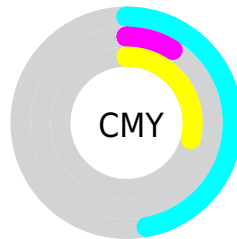
- Red (53%)
- Green (91%)
- Blue (71%)



- Red (53%)
- Yellow (79%)
- Blue (91%)



- Cyan (41%)
- Magenta (0%)
- Yellow (22%)
- Black (9%)



- Cyan (47%)
- Magenta (9%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 196.7810, -40.2490, -36.0010 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 196.7810, -40.2490, -36.0010 by changing the saturation by 10% instead.

■ 196.7810,
-40.2490, -36.0010

■ 196.7810,
-40.2490, -36.0010

■ 255.0000, -0.0000,
-0.0000

■ 168.8950,
-40.5700, -35.6900

■ 234.2960,
-30.8530, -19.0530

■ 141.1230,
-41.2120, -35.0680

■ 245.1330,
-19.6680, -6.9960

■ 113.7530,
-43.0460, -34.8700

■ 253.8040, -2.3840,
-0.8480

■ 84.0940, -51.4360,
-37.0040

■ 62.6220, -44.0550,
-33.1030

■ 46.0260, -30.3930,
-27.3930

■ 29.4300, -16.7310,

-21.6830

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 196.7810,
-40.2490, -36.0010

■ 196.7810,
-40.2490, -36.0010

■ 188.5360,
-50.1050, -44.6090

■ 205.0260,
-30.3930, -27.3930

■ 180.1770,
-59.6400, -53.5280

■ 213.3850,
-20.8580, -18.4740

■ 171.9320,
-69.4960, -62.1360

■ 221.6300,
-11.0020, -9.8660

■ 163.5730,
-79.0310, -71.0550

■ 229.9890, -1.4670,
-0.9470

■ 155.0290,
-89.4830, -79.8750

■ 238.2340, 8.3890,
7.6610

■ 147.7950,
-97.8720, -87.5360

■ 240.7980, 6.9210,
12.2410

■ 240.9120, 6.6000,
12.5520

Harmonies

Analogous

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



203.5610, 1.4730, -32.2150



196.7810, -40.2490, -36.0010



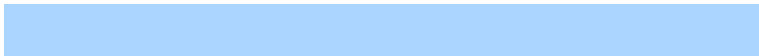
187.3690, -85.8230, -36.0550

Triad

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



196.7810, -40.2490, -36.0010



204.6430, -38.2390, 4.6810



204.2370, 47.8650, 8.0970

Complementary

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



196.7810, -40.2490, -36.0010



170.2190, 40.2490, 36.0010

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.



205.6340, 37.0420, 22.5300



196.7810, -40.2490, -36.0010



214.0660, 0.7750, 24.5110

Square

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



196.7810, -40.2490, -36.0010



191.6540, -81.4710, -15.7990



212.5420, 23.1020, 32.8780



208.7900, 52.9570, -7.0990

Rectangle

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



196.7810, -40.2490, -36.0010



181.4880, -110.9030, -33.0710



212.5420, 23.1020, 32.8780



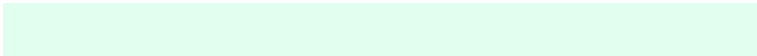
204.4310, 44.5630, 12.8750

Sweetspot

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



196.7810, -40.2490, -36.0010



243.9070, -13.3400, -11.5480



207.3130, 4.8670, -38.6610



121.4780, -7.5180, -6.9260



0.0000, 0.0000, 0.0000



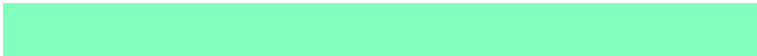
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



196.7810, -40.2490, -36.0010



209.9870, -52.9930, -47.3370



202.0250, -55.0150, -21.6950



110.7280, -5.2260, -4.4100



114.5350, -75.8680, -67.8040



32.6730, -21.7290, -19.2090

Inverse Universe

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



170.2190, 40.2490, 36.0010



175.0130, 52.9930, 47.3370



164.9750, 55.0150, 21.6950



107.2720, 5.2260, 4.4100



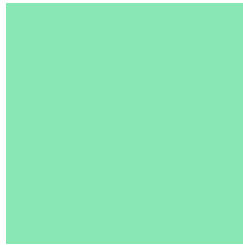
64.4650, 75.8680, 67.8040



18.3270, 21.7290, 19.2090

Previews

White Background



This preview shows how the YIQ color 196.7810, -40.2490, -36.0010 looks on a white background.

Color Contrast Check

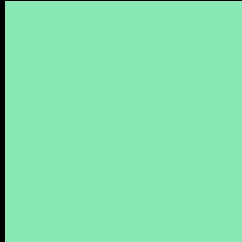
Large Text (above 18pt) WCAG AA × Fail

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 196.7810, -40.2490, -36.0010 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 196.7810, -40.2490, -36.0010 Background



This preview shows how black text looks on a background with the YIQ color 196.7810, -40.2490, -36.0010.



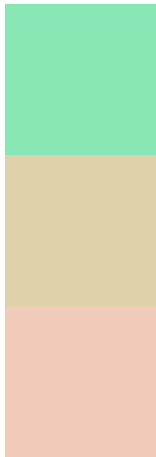
This preview shows how white text looks on a background with the YIQ color 196.7810, -40.2490, -36.0010.

-36.0010.

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

196.7810, -40.2490, -36.0010

Protanopia

209.3270, 20.5880, -9.6840

Deuteranopia

212.1250, 27.5090, 2.5570



Tritanopia

203.2250, -49.2860, -9.8780

Trichromacy



Original Color

196.7810, -40.2490, -36.0010



Protanomaly

204.9110, -1.9680, -19.4080



Deuteranomaly

206.4050, 2.7530, -11.3510



Tritanomaly

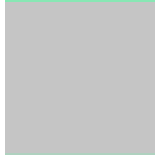
200.9830, -46.0290, -19.3490

Monochromacy



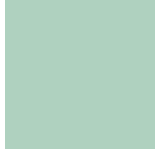
Original Color

196.7810, -40.2490, -36.0010



Achromatopsia

197.0000, -0.0000, -0.0000



Achromatomaly

196.7820, -14.4860, -12.8060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 196.7810, -40.2490, -36.0010 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(136, 231, 180)` looks like.

```
.text, #text, p{  
    color:rgb(136, 231, 180)  
}
```

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(136, 231, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 231, 180) }
```

Border

The CSS property to change the border of an element to YIQ 196.7810, -40.2490, -36.0010 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(136, 231, 180) }
```


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

```
.border{ border-color:rgb(136, 231, 180) }
```

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

Here you see how a box with a 4 pixel rgb(136, 231, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 231, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 231, 180);  
box-shadow:4px 4px 4px 4px rgb(136, 231,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 196.7810, -40.2490, -36.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 231, 180) }
```

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

```
.background{ background-color: rgb(136,  
231, 180) }
```

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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