

Converting Colors

YIQ(189.9870, -26.6300,
-46.0380)

Have a look what the booklet for
YIQ(189.9870, -26.6300, -46.0380)
contains.

YIQ(189.9870, -26.6300, -46.0380)	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(189.9870, -26.6300,
-46.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	88E38D
RGB	136, 227, 141
RGB Percent	53%, 89%, 55%
CMY	0.4669, 0.1096, 0.4471
CMYK	0.40, 0.00, 0.38, 0.11
HSL	123°, 62%, 71%
HSV	123°, 40%, 89%
XYZ	42.4286, 62.1102, 34.9477
YIQ	189.9870, -26.6300, -46.0380

Conversions

Conversions Part 2

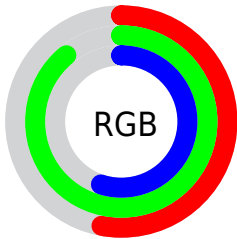
Format	Color
RYB	136, 222, 227
Decimal	8971149
CIELab	82.97, -44.47, 33.71
CIELCh	83, 55.804, 142.842
Yxy	62.1102, 0.3042, 0.4453
Android (android.graphics.Color)	4287161229 (0xFF88E38D)
YUV	189.9870, -24.1506, -47.3466
Hunter-Lab	78.8100, -41.8193, 28.8754

Details

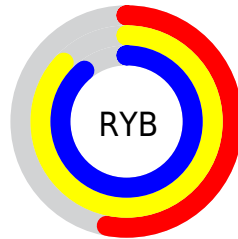
The YIQ color **189.9870, -26.6300, -46.0380** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **173.0130, 26.6300, 46.0380**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.6220, -17.6920, -31.8040**, and **134.5570, -28.2350, -44.4830** is the 20% darker color. If you saturate the color by 10%, you get **180.7160, -33.5970, -57.4450**, and if you desaturate by 10%, it is **199.2580, -19.6630, -34.6310**.

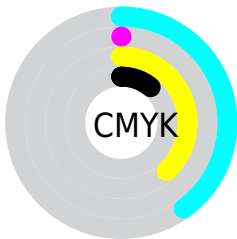
Distribution



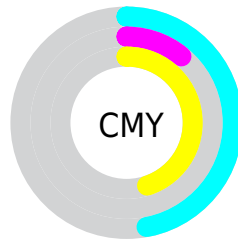
- Red (53%)
- Green (89%)
- Blue (55%)



- Red (53%)
- Yellow (87%)
- Blue (89%)



- Cyan (40%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.9870, -26.6300, -46.0380 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 189.9870, -26.6300, -46.0380 by changing the saturation by 10% instead.

■ 189.9870,
-26.6300, -46.0380

■ 189.9870,
-26.6300, -46.0380

■ 255.0000, -0.0000,
-0.0000

■ 162.2150,
-27.2720, -45.4160

■ 229.6220,
-17.6920, -31.8040

■ 134.5570,
-28.2350, -44.4830

■ 241.5990, -9.7170,
-16.6370

■ 107.1870,
-30.0690, -44.2850

■ 253.4620, -1.4210,
-1.7810

■ 77.8270, -37.8630,
-46.2070

■ 55.8280, -30.4360,
-43.1400

■ 39.9160, -18.7000,
-35.5640

■ 26.4150, -12.3750,

-23.5350

■ 10.5660, -4.9500,
-9.4140

■ 0.0000, 0.0000,
0.0000

■ 189.9870,
-26.6300, -46.0380

■ 189.9870,
-26.6300, -46.0380

■ 180.7160,
-33.5970, -57.4450

■ 199.2580,
-19.6630, -34.6310

■ 171.6300,
-39.6470, -68.9510

■ 208.3440,
-13.6130, -23.1250

■ 162.3590,
-46.6140, -80.3580

■ 217.6150, -6.6460,
-11.7180

■ 152.9740,
-53.2600, -92.0760

■ 227.0000, -0.0000,
-0.0000

■ 143.7030,
-60.2270, -103.4830

■ 235.9720, 6.3710,
11.1950

■ 134.7310,
-66.5980, -114.6780

■ 238.5640, 7.7000,
14.6440

Harmonies

Analogous

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



198.0780, 24.5820, -38.0260



189.9870, -26.6300, -46.0380



165.2370, -112.5950, -57.4830

Triad

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



189.9870, -26.6300, -46.0380



180.0810, -92.9790, -16.4910



192.9530, 52.0810, 19.8010

Complementary

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



189.9870, -26.6300, -46.0380



173.0130, 26.6300, 46.0380

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.



197.7070, 35.9390, 37.0190



189.9870, -26.6300, -46.0380



202.4050, -22.4690, 16.2430

Square

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



189.9870, -26.6300, -46.0380



162.9060, -144.5550, -39.9390



209.8010, 21.1750, 40.2710



196.1550, 62.3550, -1.2050

Rectangle

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



189.9870, -26.6300, -46.0380



163.3500, -137.5380, -51.4740



209.8010, 21.1750, 40.2710



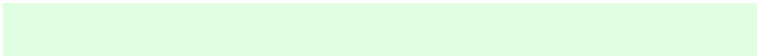
193.1300, 47.4490, 26.6570

Sweetspot

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



189.9870, -26.6300, -46.0380



242.4250, -9.1670, -15.5910



215.1310, 26.2310, -29.3610



120.6800, -5.2710, -9.1030



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.



189.9870, -26.6300, -46.0380



205.2980, -35.4760, -61.9400



195.1170, -41.0750, -32.0430



110.1580, -3.6210, -5.9650



106.2130, -52.4350, -90.5070



30.2790, -14.9880, -25.7400

Inverse Universe

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



173.0130, 26.6300, 46.0380



182.5880, 35.7970, 61.6290



167.8830, 41.0750, 32.0430



107.8420, 3.6210, 5.9650



72.7870, 52.4350, 90.5070



20.7210, 14.9880, 25.7400

Previews

White Background



This preview shows how the YIQ color 189.9870, -26.6300, -46.0380 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 189.9870, -26.6300, -46.0380 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 189.9870, -26.6300, -46.0380 Background



This preview shows how black text looks on a background with the YIQ color 189.9870, -26.6300, -46.0380.



This preview shows how white text looks on a background with the YIQ color 189.9870, -26.6300, -46.0380.

-46.0380.

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

189.9870, -26.6300, -46.0380

Protanopia

202.3590, 34.7570, -18.6750

Deuteranopia

205.4670, 43.7410, -5.2750



Tritanopia

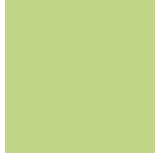
199.4000, -42.4090, -7.8570

Trichromacy



Original Color

189.9870, -26.6300, -46.0380



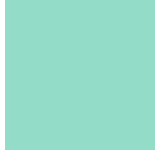
Protanomaly

197.8290, 12.5220, -28.7100



Deuteranomaly

199.9210, 18.4350, -20.2290



Tritanomaly

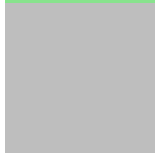
195.8930, -37.0880, -21.6960

Monochromacy



Original Color

189.9870, -26.6300, -46.0380



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.5990, -9.7170, -16.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.9870, -26.6300, -46.0380 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, 227, 141)` looks like.

```
.text, #text, p{  
    color:rgb(136, 227, 141)  
}
```

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, 227, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 227, 141) }
```

Border

The CSS property to change the border of an element to YIQ 189.9870, -26.6300, -46.0380 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, 227, 141) }
```


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

```
.border{ border-color:rgb(136, 227, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 227, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 227, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 227, 141);  
box-shadow:4px 4px 4px 4px rgb(136, 227,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 189.9870, -26.6300, -46.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 227, 141) }
```

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

```
.background{ background-color: rgb(136,  
227, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor