

Converting Colors

YIQ(189.2670, -6.6870,
-38.5190)

Have a look what the booklet for
YIQ(189.2670, -6.6870, -38.5190)
contains.

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Color

**YIQ(189.2670, -6.6870,
-38.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	9FD883
RGB	159, 216, 131
RGB Percent	62%, 85%, 51%
CMY	0.3767, 0.1528, 0.4862
CMYK	0.26, 0.00, 0.39, 0.15
HSL	100°, 52%, 68%
HSV	100°, 39%, 85%
XYZ	42.9479, 58.1289, 30.4327
YIQ	189.2670, -6.6870, -38.5190

Conversions

Conversions Part 2

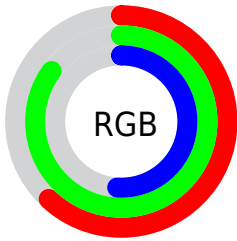
Format	Color
RYB	131, 216, 188
Decimal	10475651
CIELab	80.81, -33.60, 36.15
CIELCh	81, 49.357, 132.910
Yxy	58.1289, 0.3266, 0.4420
Android (android.graphics.Color)	4288665731 (0xFF9FD883)
YUV	189.2670, -28.7256, -26.5442
Hunter-Lab	76.2423, -32.8735, 29.7036

Details

The YIQ color $189.2670, -6.6870, -38.5190$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $157.7330, 6.6870, 38.5190$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $235.0600, -1.3700, -30.2500$, and $135.0220, -7.3750, -37.0630$ is the 20% darker color. If you saturate the color by 10%, you get $182.2740, -8.5650, -48.5410$, and if you desaturate by 10%, it is $195.9610, -5.4050, -28.7090$.

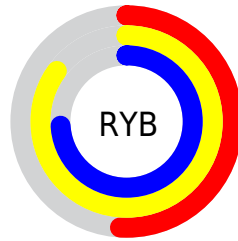
Distribution



Red (62%)

Green (85%)

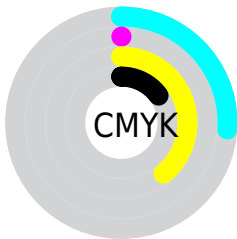
Blue (51%)



Red (51%)

Yellow (85%)

Blue (74%)

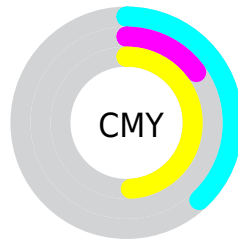


Cyan (26%)

Magenta (0%)

Yellow (39%)

Black (15%)



Cyan (38%)

Magenta (15%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.2670, -6.6870, -38.5190 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 189.2670, -6.6870, -38.5190 by changing the saturation by 10% instead.


 189.2670, -6.6870,
-38.5190

 189.2670, -6.6870,
-38.5190


255.0000, -0.0000,
-0.0000


 161.7940, -6.7330,
-37.6850


 235.0600, -1.3700,
-30.2500


 135.0220, -7.3750,
-37.0630


 246.9230, 6.9260,
-15.3940

 108.6630, -7.7420,
-35.9180

 253.5180, 4.1730,
-4.0430

 83.3640, -8.3380,
-36.1300

 57.5380, -8.8880,
-37.1760

 35.2200, -16.5000,
-31.3800

 22.8930, -10.7250,

-20.3970

■ 3.5220, -1.6500,
-3.1380

■ 0.0000, 0.0000,
0.0000

■ 189.2670, -6.6870,
-38.5190

■ 189.2670, -6.6870,
-38.5190

■ 182.2740, -8.5650,
-48.5410

■ 195.9610, -5.4050,
-28.7090

■ 175.6940,
-10.1680, -58.0400

■ 202.8400, -3.2060,
-18.9980

■ 168.7010,
-12.0460, -68.0620

■ 209.5340, -1.9240,
-9.1880

■ 162.1210,
-13.6490, -77.5610

■ 216.4130, 0.2750,
0.5230

■ 155.1280,
-15.5270, -87.5830

■ 223.1070, 1.5570,
10.3330

■ 148.4340,
-16.8090, -97.3930

■ 229.4160, 5.3610,
18.4890

■ 148.0210,
-17.0840, -97.9160

■ 232.1070, 10.7250,
20.3970

Harmonies

Analogous

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



194.8500, 34.3920, -28.5840



189.2670, -6.6870, -38.5190



178.9140, -59.9170, -42.9970

Triad

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



189.2670, -6.6870, -38.5190



173.2370, -102.2860, -18.5260



193.2610, 48.4580, 24.8900

Complementary

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



189.2670, -6.6870, -38.5190



157.7330, 6.6870, 38.5190

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.



200.3800, 32.5460, 37.9380



189.2670, -6.6870, -38.5190



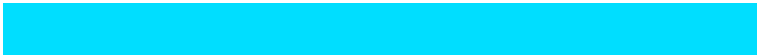
194.0330, -39.1570, 10.3070

Square

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



189.2670, -6.6870, -38.5190



159.3840, -142.9050, -36.8010



204.3860, 6.0460, 33.6140



193.7560, 59.4650, 7.1210

Rectangle

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



189.2670, -6.6870, -38.5190



159.5170, -119.0150, -51.2630



204.3860, 6.0460, 33.6140



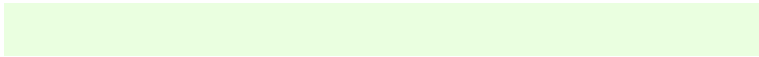
194.4980, 43.5970, 30.3890

Sweetspot

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



189.2670, -6.6870, -38.5190



245.1870, -2.5650, -14.0930



189.8740, 34.9850, -11.7910



122.3600, -1.3740, -8.1420



0.0000, 0.0000, 0.0000



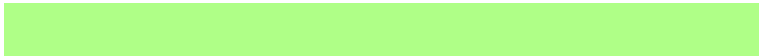
128.0000, -0.0000, -0.0000

Same Dimension

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



189.2670, -6.6870, -38.5190



217.4000, -9.1600, -54.2800



182.4910, -27.8690, -40.1010



103.6530, -0.6410, -4.9050



117.1210, -13.6490, -77.5610



29.4270, -3.4810, -19.5210

Inverse Universe

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



157.7330, 6.6870, 38.5190



172.8990, 9.7560, 54.4920



164.5090, 27.8690, 40.1010



99.6460, 1.2370, 5.1170



53.8790, 13.6490, 77.5610



13.5730, 3.4810, 19.5210

Previews

White Background



This preview shows how the YIQ color 189.2670, -6.6870, -38.5190 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 189.2670, -6.6870, -38.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

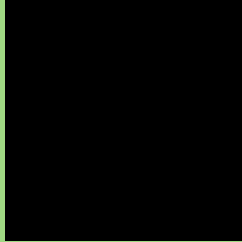
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.2670, -6.6870, -38.5190

Background



This preview shows how black text looks on a background with the YIQ color 189.2670, -6.6870, -38.5190.



This preview shows how white text looks on a background with the YIQ color 189.2670, -6.6870,

-38.5190.

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

189.2670, -6.6870, -38.5190

Protanopia

196.8320, 34.8030, -19.5090

Deuteranopia

199.1960, 45.9420, -6.6180



Tritanopia

197.3700, -24.5290, -1.4970

Trichromacy



Original Color

189.2670, -6.6870, -38.5190

Protanomaly

194.3030, 19.9950, -26.4770

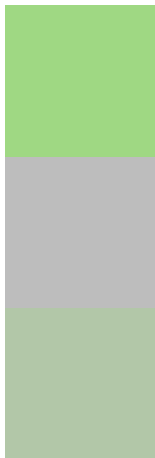
Deuteranomaly

195.5800, 26.8250, -18.0950

Tritanomaly

194.4610, -18.0160, -14.9120

Monochromacy



Original Color

189.2670, -6.6870, -38.5190

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.1870, -2.5650, -14.0930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.2670, -6.6870, -38.5190 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(159, 216, 131)` looks like.

```
.text, #text, p{  
    color:rgb(159, 216, 131)  
}
```

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(159, 216, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 216, 131) }
```

Border

The CSS property to change the border of an element to YIQ 189.2670, -6.6870, -38.5190 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(159, 216, 131) }
```


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

```
.border{ border-color:rgb(159, 216, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 216, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 216, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 216, 131);  
box-shadow:4px 4px 4px 4px rgb(159, 216,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 189.2670, -6.6870, -38.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 216, 131) }
```

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

```
.background{ background-color: rgb(159,  
216, 131) }
```

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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