

Converting Colors

YIQ(189.9310, 3.3070, -32.4130)

Have a look what the booklet for
YIQ(189.9310, 3.3070, -32.4130)
contains.

YIQ(189.9310, 3.3070, -32.4130)	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(189.9310, 3.3070,
-32.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD283
RGB	173, 210, 131
RGB Percent	68%, 82%, 51%
CMY	0.3217, 0.1764, 0.4862
CMYK	0.18, 0.00, 0.38, 0.18
HSL	88°, 47%, 67%
HSV	88°, 38%, 82%
XYZ	44.3742, 56.6202, 30.0695
YIQ	189.9310, 3.3070, -32.4130

Conversions

Conversions Part 2

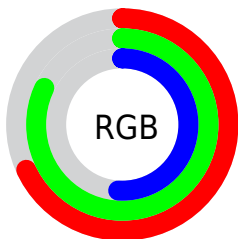
Format	Color
RYB	131, 210, 168
Decimal	11391619
CIELab	79.97, -25.76, 35.22
CIElCh	80, 43.632, 126.187
Yxy	56.6202, 0.3386, 0.4320
Android (android.graphics.Color)	4289581699 (0xFFADD283)
YUV	189.9310, -29.0530, -14.8485
Hunter-Lab	75.2464, -26.4164, 28.9794

Details

The YIQ color **189.9310, 3.3070, -32.4130** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **151.0690, -3.3070, 32.4130**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.2460, 6.9740, -27.2820**, and **135.6860, 2.6190, -30.9570** is the 20% darker color. If you saturate the color by 10%, you get **184.5470, 4.0880, -41.0640**, and if you desaturate by 10%, it is **195.3150, 2.5260, -23.7620**.

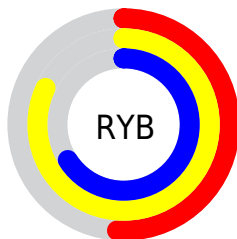
Distribution



Red (68%)

Green (82%)

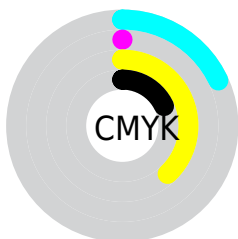
Blue (51%)



Red (51%)

Yellow (82%)

Blue (66%)

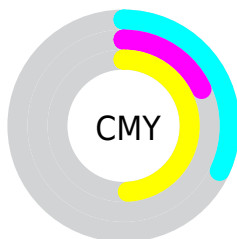


Cyan (18%)

Magenta (0%)

Yellow (38%)

Black (18%)



Cyan (32%)

Magenta (18%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.9310, 3.3070, -32.4130 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 189.9310, 3.3070, -32.4130 by changing the saturation by 10% instead.

■ 189.9310, 3.3070,
-32.4130

■ 189.9310, 3.3070,
-32.4130

255.0000, -0.0000,
-0.0000

■ 162.4580, 3.2610,
-31.5790

■ 239.2460, 6.9740,
-27.2820

■ 135.6860, 2.6190,
-30.9570

■ 250.2120, 13.4820,
-13.0620

■ 109.9140, 1.9770,
-30.3350

■ 253.4040, 4.4940,
-4.3540

■ 85.0280, 1.6560,
-30.0240

■ 60.8000, 2.2980,
-30.6460

■ 39.1510, -2.8840,
-24.8360

■ 20.5450, -9.6250,

-18.3050

■ 0.0000, 0.0000,
0.0000

■ 189.9310, 3.3070,
-32.4130

■ 189.9310, 3.3070,
-32.4130

■ 184.5470, 4.0880,
-41.0640

■ 195.3150, 2.5260,
-23.7620

■ 179.1630, 4.8690,
-49.7150

■ 200.6990, 1.7450,
-15.1110

■ 173.7790, 5.6500,
-58.3660

■ 206.0830, 0.9640,
-6.4600


■ 168.6940, 7.0270,
-66.8050

■ 211.1680, -0.4130,
1.9790

■ 163.3100, 7.8080,
-75.4560


■ 216.5520, -1.1940,
10.6300


 157.9260, 8.5890,
-84.1070

 221.7080, -1.3330,
18.6590

 156.7580, 9.0020,
-86.0860

 224.6980, 4.6270,
20.7790

 227.6880, 10.5870,
22.8990

 228.5850, 12.3750,
23.5350

Harmonies

Analogous

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



194.9200, 37.3710, -21.9970



189.9310, 3.3070, -32.4130



182.8520, -39.0110, -36.4110

Triad

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



189.9310, 3.3070, -32.4130



175.6510, -94.5840, -14.9360



195.4610, 45.0190, 26.6430

Complementary

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



189.9310, 3.3070, -32.4130



151.0690, -3.3070, 32.4130

Split Complementary

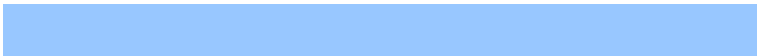
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



203.0700, 30.4830, 36.7790



189.9310, 3.3070, -32.4130



191.3310, -45.9880, 7.4520

Square

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



189.9310, 3.3070, -32.4130



155.8960, -138.5950, -37.8190



201.6510, -5.1860, 27.9180



194.5370, 55.8880, 11.3760

Rectangle

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



189.9310, 3.3070, -32.4130



175.7310, -72.3430, -38.0630



201.6510, -5.1860, 27.9180



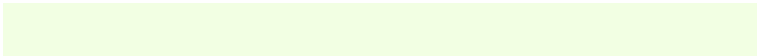
197.6440, 40.2500, 30.4740

Sweetspot

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



189.9310, 3.3070, -32.4130



247.9210, 1.2400, -11.4640



176.3400, 36.9090, -2.6030



123.6700, 0.6890, -6.9830



0.0000, 0.0000, 0.0000



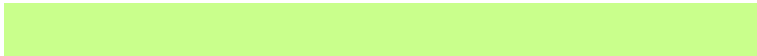
128.0000, -0.0000, -0.0000

Same Dimension

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



189.9310, 3.3070, -32.4130



225.7440, 4.7310, -47.2130



178.2700, -19.9370, -40.6810



102.2510, 0.5510, -4.4810



125.2270, 6.8440, -68.9960



30.6450, 1.8370, -16.7790

Inverse Universe

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



151.0690, -3.3070, 32.4130



169.2560, -4.7310, 47.2130



162.7300, 19.9370, 40.6810



96.7490, -0.5510, 4.4810



42.7730, -6.8440, 68.9960



10.3550, -1.8370, 16.7790

Previews

White Background



This preview shows how the YIQ color 189.9310, 3.3070, -32.4130 looks on a white background.

Color Contrast Check

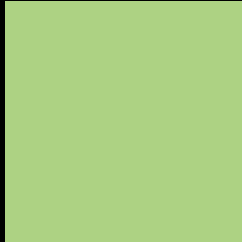
Large Text (above 18pt) WCAG AA × Fail

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 189.9310, 3.3070, -32.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

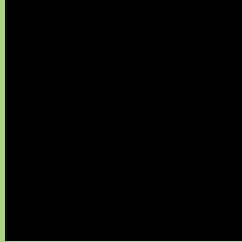
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.9310, 3.3070, -32.4130

Background



This preview shows how black text looks on a background with the YIQ color 189.9310, 3.3070, -32.4130.



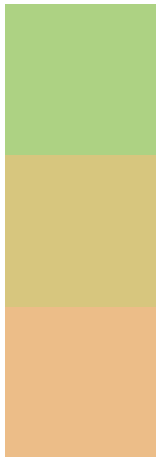
This preview shows how white text looks on a background with the YIQ color 189.9310, 3.3070,

-32.4130.

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

189.9310, 3.3070, -32.4130

Protanopia

194.8750, 33.2440, -18.7880

Deuteranopia

197.0110, 45.0250, -6.5190



Tritanopia

197.3390, -14.0760, 1.7960

Trichromacy



Original Color

189.9310, 3.3070, -32.4130

Protanomaly

192.9660, 22.5620, -23.4380

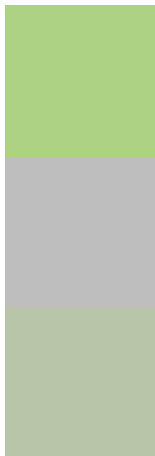
Deuteranomaly

194.6020, 29.7590, -16.2010

Tritanomaly

194.9570, -7.6090, -10.7850

Monochromacy



Original Color

189.9310, 3.3070, -32.4130

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.9210, 1.2400, -11.4640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.9310, 3.3070, -32.4130 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(173, 210, 131)` looks like.

```
.text, #text, p{  
    color:rgb(173, 210, 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(173, 210, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 210, 131) }
```

Border

The CSS property to change the border of an element to YIQ 189.9310, 3.3070, -32.4130 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(173, 210, 131) }
```


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

```
.border{ border-color:rgb(173, 210, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 210, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 210, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 210, 131); box-shadow:4px 4px 4px 4px rgb(173, 210, 131) }
```

Background

The CSS property to change the background color of an element to YIQ 189.9310, 3.3070, -32.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 210, 131) }
```

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

```
.background{ background-color: rgb(173,  
210, 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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