

Converting Colors

YIQ(189.3090, -32.8680,
-32.1000)

Have a look what the booklet for
YIQ(189.3090, -32.8680, -32.1000)
contains.

YIQ(189.3090, -32.8680, -32.1000)	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(189.3090, -32.8680,
-32.1000)**

Conversions

Conversions Part 1

Format	Color
Hex	8ADBAB
RGB	138, 219, 171
RGB Percent	54%, 86%, 67%
CMY	0.4590, 0.1410, 0.3295
CMYK	0.37, 0.00, 0.22, 0.14
HSL	144°, 53%, 70%
HSV	144°, 37%, 86%
XYZ	43.1606, 59.0185, 47.6331
YIQ	189.3090, -32.8680, -32.1000

Conversions

Conversions Part 2

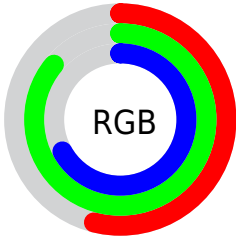
Format	Color
RYB	138, 196, 219
Decimal	9100203
CIELab	81.30, -35.09, 15.94
CIElCh	81, 38.539, 155.575
Yxy	59.0185, 0.2881, 0.3939
Android (android.graphics.Color)	4287290283 (0xFF8ADBAB)
YUV	189.3090, -9.0263, -44.9980
Hunter-Lab	76.8235, -34.1571, 17.0147

Details

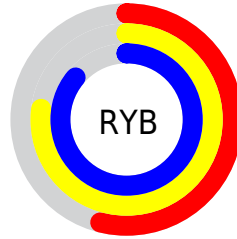
The YIQ color **189.3090, -32.8680, -32.1000** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **167.6910, 32.8680, 32.1000**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **233.4550, -27.0470, -21.9510**, and **134.9500, -33.2350, -30.9550** is the 20% darker color. If you saturate the color by 10%, you get **181.2490, -41.8070, -40.8070**, and if you desaturate by 10%, it is **197.3690, -23.9290, -23.3930**.

Distribution



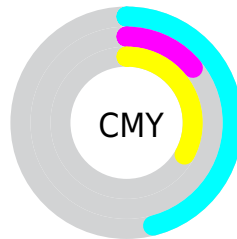
- Red (54%)
- Green (86%)
- Blue (67%)



- Red (54%)
- Yellow (77%)
- Blue (86%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)



- Cyan (46%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.3090, -32.8680, -32.1000 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 189.3090, -32.8680, -32.1000 by changing the saturation by 10% instead.

■ 189.3090,
-32.8680, -32.1000

■ 189.3090,
-32.8680, -32.1000

■ 255.0000, -0.0000,
-0.0000

■ 161.7220,
-32.5930, -31.5770

■ 233.4550,
-27.0470, -21.9510

■ 134.9500,
-33.2350, -30.9550

■ 245.4320,
-19.0720, -6.7840

■ 108.1780,
-33.8770, -30.3330

■ 254.1030, -1.7880,
-0.6360

■ 80.9110, -37.4990,
-30.7710

■ 55.8400, -38.7370,
-30.3610

■ 39.3580, -25.3960,
-24.3400

■ 23.4800, -11.0000,

-20.9200

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 189.3090,
-32.8680, -32.1000

■ 189.3090,
-32.8680, -32.1000

■ 181.2490,
-41.8070, -40.8070

■ 197.3690,
-23.9290, -23.3930

■ 173.1890,
-50.7460, -49.5140

■ 205.4290,
-14.9900, -14.6860

■ 165.1290,
-59.6850, -58.2210

■ 213.4890, -6.0510,
-5.9790

■ 157.0690,
-68.6240, -66.9280

■ 221.5490, 2.8880,
2.7280

■ 149.0090,
-77.5630, -75.6350

■ 229.3100, 11.2310,
11.2230

■ 141.2480,
-85.9060, -84.1300

■ 233.1840, 11.8260,
16.9620

■ 138.6990,
-88.7940, -86.8580

■ 233.8680, 9.9000,
18.8280

Harmonies

Analogous

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



194.7510, 3.9940, -28.3420



189.3090, -32.8680, -32.1000



182.4310, -71.1980, -31.2780

Triad

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



189.3090, -32.8680, -32.1000



196.9680, -40.5320, 7.6920



199.7860, 50.7530, 10.8250

Complementary

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



189.3090, -32.8680, -32.1000



167.6910, 32.8680, 32.1000

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.



200.7270, 41.2140, 24.0140



189.3090, -32.8680, -32.1000



204.8850, -5.9650, 25.5150

Square

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



189.3090, -32.8680, -32.1000



186.3820, -77.5290, -10.1450



207.2820, 26.7700, 32.4820



202.1970, 53.3690, -3.5510

Rectangle

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



189.3090, -32.8680, -32.1000



178.6000, -90.5470, -27.5310



207.2820, 26.7700, 32.4820



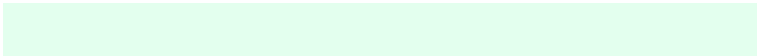
199.2790, 48.0470, 15.8150

Sweetspot

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



189.3090, -32.8680, -32.1000



244.6900, -11.2310, -11.2230



200.1980, 6.9290, -31.9750



121.7770, -6.9220, -6.7140



0.0000, 0.0000, 0.0000



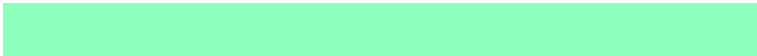
128.0000, -0.0000, -0.0000

Same Dimension

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



189.3090, -32.8680, -32.1000



213.9880, -45.5660, -44.2700



193.8690, -45.7080, -19.6600



105.9130, -4.3090, -4.5090



109.6450, -70.3660, -68.3980



29.1680, -18.7490, -18.1490

Inverse Universe

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



167.6910, 32.8680, 32.1000



184.0120, 45.5660, 44.2700



163.1310, 45.7080, 19.6600



102.9730, 4.6300, 4.1980



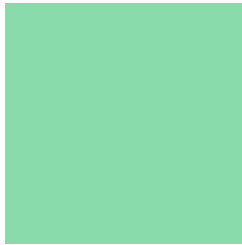
63.4690, 70.0450, 68.7090



16.8320, 18.7490, 18.1490

Previews

White Background



This preview shows how the YIQ color 189.3090, -32.8680, -32.1000 looks on a white background.

Color Contrast Check

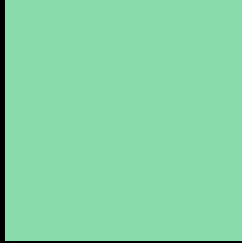
Large Text (above 18pt) WCAG AA × Fail

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 189.3090, -32.8680, -32.1000 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 189.3090, -32.8680, -32.1000 Background



This preview shows how black text looks on a background with the YIQ color 189.3090, -32.8680, -32.1000.



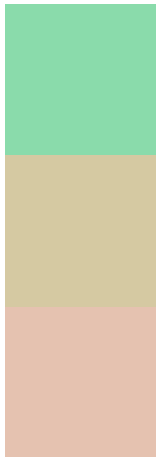
This preview shows how white text looks on a background with the YIQ color 189.3090, -32.8680, -32.1000.

-32.1000.

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

189.3090, -32.8680, -32.1000

Protanopia

200.1420, 19.6710, -9.5850

Deuteranopia

202.4130, 26.6380, 1.8220



Tritanopia

194.6990, -41.8130, -7.6450

Trichromacy



Original Color

189.3090, -32.8680, -32.1000



Protanomaly

196.5200, 0.6910, -18.0370



Deuteranomaly

197.6010, 5.1370, -10.5030



Tritanomaly

192.8700, -38.2810, -16.5930

Monochromacy



Original Color

189.3090, -32.8680, -32.1000



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

188.9780, -12.1020, -11.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.3090, -32.8680, -32.1000 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(138, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(138, 219, 171)  
}
```

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(138, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 219, 171) }
```

Border

The CSS property to change the border of an element to YIQ 189.3090, -32.8680, -32.1000 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(138, 219, 171) }
```


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

```
.border{ border-color:rgb(138, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(138, 219,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 189.3090, -32.8680, -32.1000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 219, 171) }
```

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

```
.background{ background-color: rgb(138,  
219, 171) }
```

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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