

Converting Colors

YIQ(187.2190, -31.9540,
-15.6180)

Have a look what the booklet for
YIQ(187.2190, -31.9540, -15.6180)
contains.

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Color

**YIQ(187.2190, -31.9540,
-15.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	93CEC4
RGB	147, 206, 196
RGB Percent	58%, 81%, 77%
CMY	0.4237, 0.1920, 0.2315
CMYK	0.29, 0.00, 0.05, 0.19
HSL	170°, 38%, 69%
HSV	170°, 29%, 81%
XYZ	44.0635, 54.3383, 60.3724
YIQ	187.2190, -31.9540, -15.6180

Conversions

Conversions Part 2

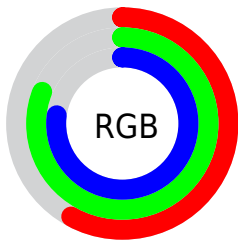
Format	Color
RYB	147, 179, 206
Decimal	9686724
CIELab	78.66, -21.04, -1.10
CIElCh	79, 21.064, 183.000
Yxy	54.3383, 0.2775, 0.3422
Android (android.graphics.Color)	4287876804 (0xFF93CEC4)
YUV	187.2190, 4.3290, -35.2721
Hunter-Lab	73.7145, -22.3003, 3.0415

Details

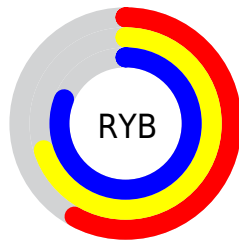
The YIQ color **187.2190, -31.9540, -15.6180** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **165.7810, 31.9540, 15.6180**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **238.9250, -30.9460, -11.8580**, and **133.5180, -31.3580, -15.4060** is the 20% darker color. If you saturate the color by 10%, you get **180.4840, -43.1860, -21.3140**, and if you desaturate by 10%, it is **193.8400, -20.4010, -10.2330**.

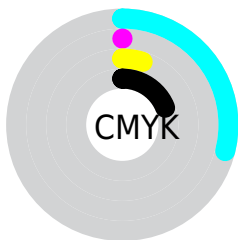
Distribution



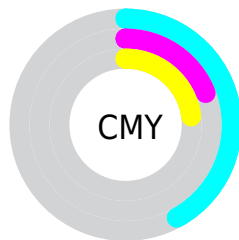
- Red (58%)
- Green (81%)
- Blue (77%)



- Red (58%)
- Yellow (70%)
- Blue (81%)



- Cyan (29%)
- Magenta (0%)
- Yellow (5%)
- Black (19%)



- Cyan (42%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.2190, -31.9540, -15.6180 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 187.2190, -31.9540, -15.6180 by changing the saturation by 10% instead.

■ 187.2190,
-31.9540, -15.6180

■ 187.2190,
-31.9540, -15.6180

■ 255.0000, -0.0000,
-0.0000

■ 159.6320,
-31.6790, -15.0950

■ 238.9250,
-30.9460, -11.8580

■ 133.5180,
-31.3580, -15.4060

■ 247.8240,
-14.3040, -5.0880

■ 107.6320,
-31.6790, -15.0950

■ 82.0450, -31.4040,
-14.5720

■ 56.3650, -35.3010,
-15.5330

■ 36.4690, -29.6620,
-13.1020

■ 21.7480, -17.1460,

-8.6500

■ 0.0000, 0.0000,
0.0000

■ 187.2190,
-31.9540, -15.6180

■ 187.2190,
-31.9540, -15.6180

■ 180.4840,
-43.1860, -21.3140

■ 193.8400,
-20.4010, -10.2330

■ 174.1620,
-54.1430, -26.4870

■ 200.2760, -9.7650,
-4.7490

■ 167.4270,
-65.3750, -32.1830

■ 206.8970, 1.7880,
0.6360

■ 161.1050,
-76.3320, -37.3560

■ 213.3330, 12.4240,
6.1200

■ 154.3700,
-87.5640, -43.0520

■ 220.0680, 23.6560,
11.8160

■ 147.7490,
-99.1170, -48.4370

■ 221.9050, 25.6730,
13.8090

■ 141.3130,
-109.7530, -53.9210

■ 222.3610, 24.3890,
15.0530

■ 140.4160,
-111.5410, -54.5570

■ 222.7030, 23.4260,
15.9860

■ 223.1590, 22.1420,
17.2300

Harmonies

Analogous

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



188.8480, -14.8520, -17.1880



187.2190, -31.9540, -15.6180



187.3030, -40.7580, -10.2460

Triad

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



187.2190, -31.9540, -15.6180



196.9200, -5.0460, 14.3620



195.2840, 31.3150, -0.3410

Complementary

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



187.2190, -31.9540, -15.6180



165.7810, 31.9540, 15.6180

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.



197.5220, 33.8810, 8.2250



187.2190, -31.9540, -15.6180



198.0810, 13.6140, 17.5980

Square

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



187.2190, -31.9540, -15.6180



193.9390, -24.3930, 7.0550



198.2150, 27.7360, 14.9680



193.8540, 20.5420, -8.8500

Rectangle

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



187.2190, -31.9540, -15.6180



188.7640, -40.4380, -5.0300



198.2150, 27.7360, 14.9680



196.3490, 32.6900, 2.2740

Sweetspot

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



187.2190, -31.9540, -15.6180



247.6670, -12.4240, -6.1200



184.9220, -9.6690, -28.5250



123.1730, -7.9770, -4.1130



0.0000, 0.0000, 0.0000



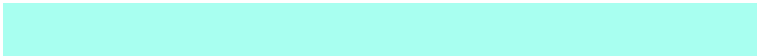
128.0000, -0.0000, -0.0000

Same Dimension

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



187.2190, -31.9540, -15.6180



227.2770, -47.0370, -23.1090



177.2060, -29.9390, -2.5710



98.7820, -5.3180, -2.7420



113.1740, -89.9480, -43.9000



25.9540, -20.7220, -9.9220

Inverse Universe

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



165.7810, 31.9540, 15.6180



195.7230, 47.0370, 23.1090



175.7940, 29.9390, 2.5710



95.2180, 5.3180, 2.7420



52.8260, 89.9480, 43.9000



12.1600, 20.4010, 10.2330

Previews

White Background



This preview shows how the YIQ color 187.2190, -31.9540, -15.6180 looks on a white background.

Color Contrast Check

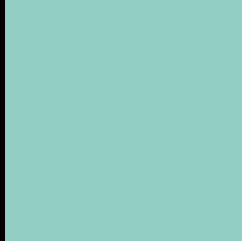
Large Text (above 18pt) WCAG AA × Fail

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 187.2190, -31.9540, -15.6180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

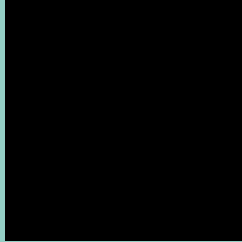
Any Text WCAG AA ✓ Pass

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 187.2190, -31.9540, -15.6180 Background



This preview shows how black text looks on a background with the YIQ color 187.2190, -31.9540, -15.6180.



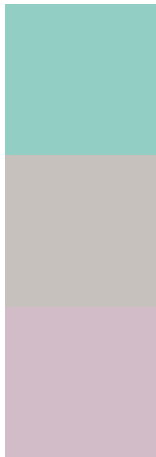
This preview shows how white text looks on a background with the YIQ color 187.2190, -31.9540, -15.6180.

-15.6180.

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

187.2190, -31.9540, -15.6180

Protanopia

194.3380, 4.8600, 0.0280

Deuteranopia

195.9460, 9.2600, 8.3960



Tritanopia

189.5750, -35.5320, -5.8360

Trichromacy



Original Color

187.2190, -31.9540, -15.6180

Protanomaly

191.9340, -8.8020, -5.6820

Deuteranomaly

193.0640, -6.0520, -0.4520

Tritanomaly

188.6520, -34.4310, -9.2710

Monochromacy



Original Color

187.2190, -31.9540, -15.6180

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9660, -11.8280, -5.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.2190, -31.9540, -15.6180 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(147, 206, 196)` looks like.

```
.text, #text, p{  
    color:rgb(147, 206, 196)  
}
```

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(147, 206, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 206, 196) }
```

Border

The CSS property to change the border of an element to YIQ 187.2190, -31.9540, -15.6180 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(147, 206, 196) }
```


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

```
.border{ border-color:rgb(147, 206, 196) }
```

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

Here you see how a box with a 4 pixel rgb(147, 206, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 206, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 206, 196);  
box-shadow:4px 4px 4px 4px rgb(147, 206,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 187.2190, -31.9540, -15.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 206, 196) }
```

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

```
.background{ background-color: rgb(147,  
206, 196) }
```

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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