

Converting Colors

YIQ(187.8510, -18.9340,
-9.2860)

Have a look what the booklet for
YIQ(187.8510, -18.9340, -9.2860)
contains.

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Color

**YIQ(187.8510, -18.9340,
-9.2860)**

Conversions

Conversions Part 1

Format	Color
Hex	A4C7C1
RGB	164, 199, 193
RGB Percent	64%, 78%, 76%
CMY	0.3569, 0.2195, 0.2432
CMYK	0.18, 0.00, 0.03, 0.22
HSL	170°, 24%, 71%
HSV	170°, 18%, 78%
XYZ	45.3557, 52.5932, 58.2026
YIQ	187.8510, -18.9340, -9.2860

Conversions

Conversions Part 2

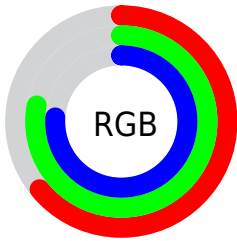
Format	Color
RYB	164, 183, 199
Decimal	10799041
CIELab	77.63, -12.87, -0.88
CIELCh	78, 12.904, 183.894
Yxy	52.5932, 0.2905, 0.3368
Android (android.graphics.Color)	4288989121 (0xFFA4C7C1)
YUV	187.8510, 2.5385, -20.9173
Hunter-Lab	72.5212, -15.2758, 3.1811

Details

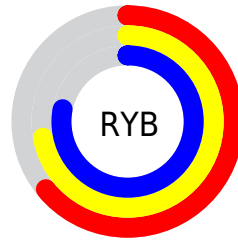
The YIQ color $187.8510, -18.9340, -9.2860$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $175.1490, 18.9340, 9.2860$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.5520, -19.5300, -9.4980$, and $134.5630, -18.0630, -8.5510$ is the 20% darker color. If you saturate the color by 10%, you get $181.5290, -29.8910, -14.4590$, and if you desaturate by 10%, it is $194.1730, -7.9770, -4.1130$.

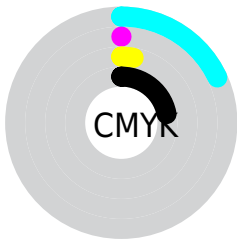
Distribution



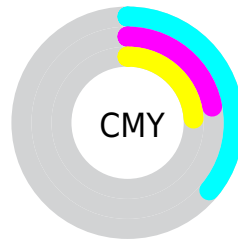
- Red (64%)
- Green (78%)
- Blue (76%)



- Red (64%)
- Yellow (72%)
- Blue (78%)



- Cyan (18%)
- Magenta (0%)
- Yellow (3%)
- Black (22%)



- Cyan (36%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 187.8510, -18.9340, -9.2860 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 187.8510, -18.9340, -9.2860 by changing the saturation by 10% instead.

■ 187.8510,
-18.9340, -9.2860

■ 187.8510,
-18.9340, -9.2860

■ 255.0000, -0.0000,
-0.0000

■ 160.8510,
-18.9340, -9.2860

■ 243.5520,
-19.5300, -9.4980

■ 134.5630,
-18.0630, -8.5510

■ 252.9070, -4.1720,
-1.4840

■ 108.8620,
-17.4670, -8.3390

■ 84.8620, -17.4670,
-8.3390

■ 61.1610, -16.8710,
-8.1270

■ 38.2750, -17.1920,
-7.8160

■ 19.1720, -15.4040,

-7.1800

■ 0.0000, 0.0000,
0.0000

■ 187.8510,
-18.9340, -9.2860

■ 187.8510,
-18.9340, -9.2860

■ 181.5290,
-29.8910, -14.4590

■ 194.1730, -7.9770,
-4.1130

■ 175.0930,
-40.5270, -19.9430

■ 200.6090, 2.6590,
1.3710

■ 168.7710,
-51.4840, -25.1160

■ 206.9310, 13.6160,
6.5440

■ 162.3350,
-62.1200, -30.6000

■ 213.3670, 24.2520,
12.0280

■ 156.0130,
-73.0770, -35.7730

■ 216.9980, 29.8450,
15.2930

■ 149.8760,
-83.1170, -41.0450

■ 217.4540, 28.5610,
16.5370

■ 143.5540,
-94.0740, -46.2180

■ 217.7960, 27.5980,
17.4700

■ 137.2320,
-105.0310, -51.3910

■ 218.1380, 26.6350,
18.4030

■ 135.6230,
-107.6900, -52.7620

■ 218.5940, 25.3510,
19.6470

Harmonies

Analogous

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



188.5870, -9.4430, -10.5870



187.8510, -18.9340, -9.2860



188.0340, -23.7030, -5.4550

Triad

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



187.8510, -18.9340, -9.2860



193.1280, -2.9360, 9.1600



192.9390, 19.1650, -0.4110

Complementary

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



187.8510, -18.9340, -9.2860



175.1490, 18.9340, 9.2860

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.



193.8840, 20.9980, 4.9180



187.8510, -18.9340, -9.2860



194.2280, 8.5260, 10.6860

Square

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



187.8510, -18.9340, -9.2860



191.3330, -13.9390, 4.8210



194.6650, 17.4210, 9.1730



191.0690, 12.7470, -5.2450

Rectangle

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



187.8510, -18.9340, -9.2860



189.0280, -23.5660, -2.4300



194.6650, 17.4210, 9.1730



192.8900, 20.8610, 1.8930

Sweetspot

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



187.8510, -18.9340, -9.2860



250.8850, -7.1060, -3.3780



186.3390, -6.0490, -17.0330



125.3800, -4.1260, -2.3180



0.0000, 0.0000, 0.0000



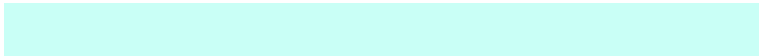
128.0000, -0.0000, -0.0000

Same Dimension

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



187.8510, -18.9340, -9.2860



237.8280, -29.2950, -14.2470



182.0780, -17.8350, -1.6670



96.1950, -5.0430, -2.2190



111.0710, -88.1600, -43.2640



24.5520, -19.5300, -9.4980

Inverse Universe

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



175.1490, 18.9340, 9.2860



218.2860, 28.9740, 14.5580



180.9220, 17.8350, 1.6670



92.8050, 5.0430, 2.2190



51.9290, 88.1600, 43.2640



11.4480, 19.5300, 9.4980

Previews

White Background



This preview shows how the YIQ color 187.8510, -18.9340, -9.2860 looks on a white background.

Color Contrast Check

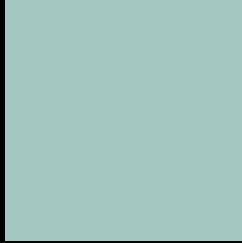
Large Text (above 18pt) WCAG AA × Fail

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 187.8510, -18.9340, -9.2860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

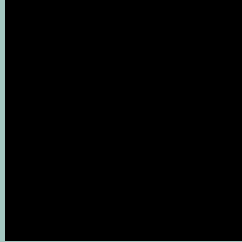
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 187.8510, -18.9340, -9.2860

Background



This preview shows how black text looks on a background with the YIQ color 187.8510, -18.9340, -9.2860.



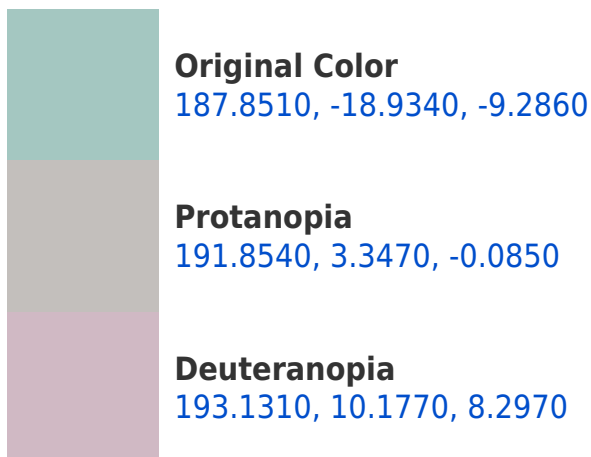
This preview shows how white text looks on a background with the YIQ color 187.8510, -18.9340, -9.2860.

-9.2860.

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





Tritanopia

189.4520, -21.8240, -0.9600

Trichromacy



Original Color

187.8510, -18.9340, -9.2860

Protanomaly

190.5540, -4.6760, -3.3640

Deuteranomaly

191.1680, -0.4130, 1.9790

Tritanomaly

188.9420, -20.4480, -3.8720

Monochromacy



Original Color

187.8510, -18.9340, -9.2860

Achromatopsia

188.0000, 0.0000, 0.0000

Achromatomaly

187.8850, -7.1060, -3.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 187.8510, -18.9340, -9.2860 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(164, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(164, 199, 193)  
}
```

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(164, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 199, 193) }
```

Border

The CSS property to change the border of an element to YIQ 187.8510, -18.9340, -9.2860 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(164, 199, 193) }
```


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

```
.border{ border-color:rgb(164, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(164, 199,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 187.8510, -18.9340, -9.2860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 199, 193) }
```

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

```
.background{ background-color: rgb(164,  
199, 193) }
```

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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