

# Converting Colors

YIQ(194.2970, -23.4260,  
-15.9860)

Have a look what the booklet for  
YIQ(194.2970, -23.4260, -15.9860)  
contains.

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# Color

**YIQ(194.2970, -23.4260,  
-15.9860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2D3C1
RGB	162, 211, 193
RGB Percent	64%, 83%, 76%
CMY	0.3648, 0.1725, 0.2432
CMYK	0.23, 0.00, 0.09, 0.17
HSL	158°, 36%, 73%
HSV	158°, 23%, 83%
XYZ	47.8164, 58.1261, 59.1395
YIQ	194.2970, -23.4260, -15.9860

# Conversions

## Conversions Part 2

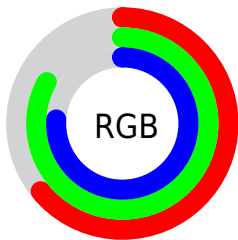
Format	Color
<b>RYB</b>	162, 192, 211
Decimal	10671041
CIELab	80.81, -19.62, 3.73
CIELCh	81, 19.967, 169.231
Yxy	58.1261, 0.2897, 0.3521
Android (android.graphics.Color)	4288861121 (0xFFA2D3C1)
YUV	194.2970, -0.6394, -28.3245
Hunter-Lab	76.2405, -21.4693, 7.3772

# Details

The YIQ color **194.2970, -23.4260, -15.9860** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **178.7030, 23.4260, 15.9860**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2530, -20.1260, -9.7100**, and **140.1230, -22.8760, -14.9400** is the 20% darker color. If you saturate the color by 10%, you get **187.1060, -33.3740, -22.9260**, and if you desaturate by 10%, it is **201.4880, -13.4780, -9.0460**.

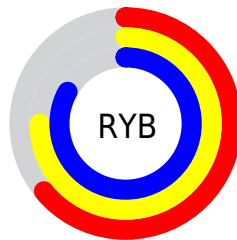
# Distribution



Red (64%)

Green (83%)

Blue (76%)



Red (64%)

Yellow (75%)

Blue (83%)

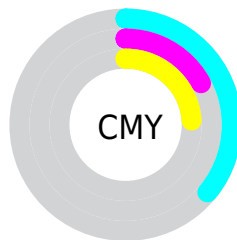


Cyan (23%)

Magenta (0%)

Yellow (9%)

Black (17%)



Cyan (36%)

Magenta (17%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 194.2970, -23.4260, -15.9860 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 194.2970, -23.4260, -15.9860 by changing the saturation by 10% instead.



■ 194.2970,  
-23.4260, -15.9860

■ 194.2970,  
-23.4260, -15.9860

■ 255.0000, -0.0000,  
-0.0000

■ 166.7100,  
-23.1510, -15.4630

■ 243.2530,  
-20.1260, -9.7100

■ 140.1230,  
-22.8760, -14.9400

■ 252.3090, -5.3640,  
-1.9080

■ 114.4220,  
-22.2800, -14.7280

■ 89.5360, -22.6010,  
-14.4170

■ 65.5360, -22.6010,  
-14.4170

■ 41.1660, -24.4350,  
-14.2190

■ 23.2810, -17.3290,

-10.8410

■ 3.5220, -1.6500,  
-3.1380

■ 0.0000, 0.0000,  
0.0000

■ 194.2970,  
-23.4260, -15.9860

■ 194.2970,  
-23.4260, -15.9860

■ 187.1060,  
-33.3740, -22.9260

■ 201.4880,  
-13.4780, -9.0460

■ 179.9150,  
-43.3220, -29.8660

■ 208.6790, -3.5300,  
-2.1060

■ 172.8380,  
-53.5910, -36.4950

■ 215.7560, 6.7390,  
4.5230

■ 165.6470,  
-63.5390, -43.4350

■ 222.9470, 16.6870,  
11.4630

■ 158.1570,  
-74.0830, -50.5870

■ 226.5500, 19.4830,  
15.8590

■ 150.9660,  
-84.0310, -57.5270

■ 227.4620, 16.9150,  
18.3470

■ 143.8890,  
-94.3000, -64.1560

■ 228.2600, 14.6680,  
20.5240

■ 139.0190,  
-100.7180, -68.9900

■ 229.1720, 12.1000,  
23.0120

# Harmonies

## Analogous

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



196.2790, -5.8200, -15.6760



194.2970, -23.4260, -15.9860



193.1740, -36.0810, -12.4090

# Triad

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



194.2970, -23.4260, -15.9860



201.4350, -13.9860, 11.1820



202.1040, 32.0020, 3.7300

# Complementary

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



194.2970, -23.4260, -15.9860



178.7030, 23.4260, 15.9860

# 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.



203.6620, 30.6710, 11.3350



194.2970, -23.4260, -15.9860



203.5360, 4.9030, 15.7750

# Square

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



194.2970, -23.4260, -15.9860



197.8950, -30.2610, 3.2670



204.0340, 20.9960, 15.9720



200.7130, 25.4930, -4.9630



# Rectangle

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



194.2970, -23.4260, -15.9860



194.1400, -38.7410, -8.2530



204.0340, 20.9960, 15.9720



202.9840, 32.4600, 6.4440

# Sweetspot

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



194.2970, -23.4260, -15.9860



248.8200, -8.4810, -5.9930



196.4440, -2.1510, -21.5990



124.2550, -5.2720, -3.5760



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

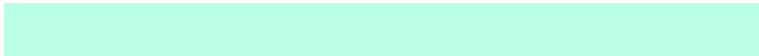


# Same Dimension

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



194.2970, -23.4260, -15.9860



230.8070, -33.9700, -23.1380



192.8270, -27.5540, -7.2500



101.2550, -5.2720, -3.5760



110.7000, -80.2260, -54.8980



27.0310, -19.6210, -13.3570



# Inverse Universe

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



178.7030, 23.4260, 15.9860



208.1930, 33.9700, 23.1380



180.1730, 27.5540, 7.2500



97.7450, 5.2720, 3.5760



57.3000, 80.2260, 54.8980

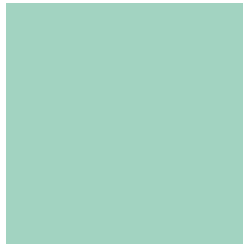


13.9690, 19.6210, 13.3570



# Previews

## White Background



This preview shows how the YIQ color 194.2970, -23.4260, -15.9860 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

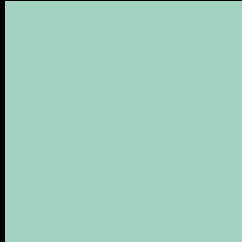
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 194.2970, -23.4260, -15.9860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

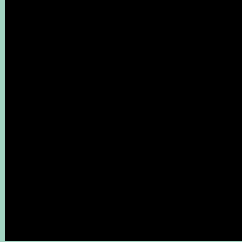
Any Text WCAG AA ✓ Pass

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 194.2970, -23.4260, -15.9860 Background



This preview shows how black text looks on a background with the YIQ color 194.2970, -23.4260, -15.9860.



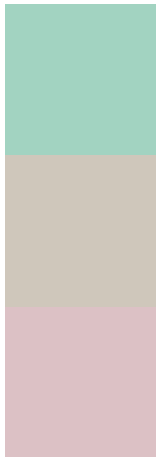
This preview shows how white text looks on a background with the YIQ color 194.2970, -23.4260, -15.9860.

-15.9860.

# 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

194.2970, -23.4260, -15.9860

### Protanopia

200.0240, 8.6200, -2.0360

### Deuteranopia

201.5290, 14.8080, 6.9680



## Tritanopia

197.1630, -28.3800, -3.2920

# Trichromacy



## Original Color

194.2970, -23.4260, -15.9860

## Protanomaly

197.8160, -2.6580, -6.8980

## Deuteranomaly

199.2450, 0.6880, -1.4560

## Tritanomaly

195.8980, -26.3160, -7.6600

# Monochromacy



## Original Color

194.2970, -23.4260, -15.9860

## Achromatopsia

194.0000, -0.0000, 0.0000

## Achromatomaly

193.9340, -8.8020, -5.6820

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 194.2970, -23.4260, -15.9860 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(162, 211, 193)` looks like.

```
.text, #text, p{  
    color:rgb(162, 211, 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(162, 211, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 211, 193) }
```

## Border

The CSS property to change the border of an element to YIQ 194.2970, -23.4260, -15.9860 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(162, 211, 193) }
```



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

```
.border{ border-color:rgb(162, 211, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 211, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 211, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 211, 193);  
box-shadow:4px 4px 4px 4px rgb(162, 211,  
193) }
```

# Background

The CSS property to change the background color of an element to YIQ 194.2970, -23.4260, -15.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 211, 193) }
```

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

```
.background{ background-color: rgb(162,  
211, 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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