

Converting Colors

YIQ(170.7760, -14.3490,
-9.7810)

Have a look what the booklet for
YIQ(170.7760, -14.3490, -9.7810)
contains.

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Color

**YIQ(170.7760, -14.3490,
-9.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	97B5AA
RGB	151, 181, 170
RGB Percent	59%, 71%, 67%
CMY	0.4079, 0.2901, 0.3334
CMYK	0.17, 0.00, 0.06, 0.29
HSL	158°, 17%, 65%
HSV	158°, 17%, 71%
XYZ	36.5398, 42.5321, 44.3077
YIQ	170.7760, -14.3490, -9.7810

Conversions

Conversions Part 2

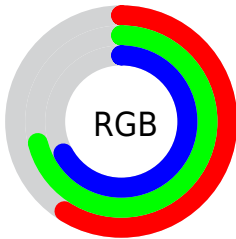
Format	Color
R _Y B	151, 169, 181
Decimal	9942442
CIE Lab	71.24, -12.46, 2.20
CIE LCh	71, 12.648, 169.984
Yxy	42.5321, 0.2962, 0.3447
Android (android.graphics.Color)	4288132522 (0xFF97B5AA)
YUV	170.7760, -0.3826, -17.3436
Hunter-Lab	65.2166, -14.1186, 5.3704

Details

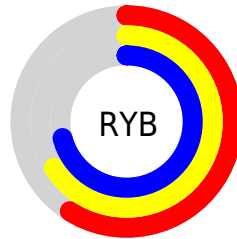
The YIQ color **170.7760, -14.3490, -9.7810** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.2240, 14.3490, 9.7810**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.0640, -15.2200, -10.5160**, and **118.4880, -13.4780, -9.0460** is the 20% darker color. If you saturate the color by 10%, you get **164.5960, -22.8300, -15.7740**, and if you desaturate by 10%, it is **176.9560, -5.8680, -3.7880**.

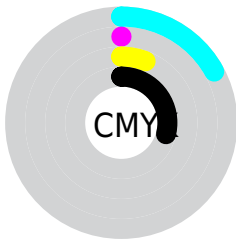
Distribution



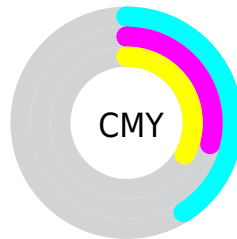
- Red (59%)
- Green (71%)
- Blue (67%)



- Red (59%)
- Yellow (66%)
- Blue (71%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (29%)



- Cyan (41%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.7760, -14.3490, -9.7810 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 170.7760, -14.3490, -9.7810 by changing the saturation by 10% instead.

■ 170.7760,
-14.3490, -9.7810

■ 170.7760,
-14.3490, -9.7810

255.0000, -0.0000,
-0.0000

■ 144.1890,
-14.0740, -9.2580

■ 226.0640,
-15.2200, -10.5160

■ 118.4880,
-13.4780, -9.0460

■ 248.6070,
-12.1950, -4.7630

■ 93.4880, -13.4780,
-9.0460

■ 69.9010, -13.2030,
-8.5230

■ 47.2000, -12.6070,
-8.3110

■ 25.4280, -13.2490,
-7.6890

■ 4.6960, -2.2000,

-4.1840

■ 0.0000, 0.0000,
0.0000

■ 170.7760,
-14.3490, -9.7810

■ 170.7760,
-14.3490, -9.7810

■ 164.5960,
-22.8300, -15.7740

■ 176.9560, -5.8680,
-3.7880

■ 158.5300,
-31.6320, -21.4560

■ 183.0220, 2.9340,
1.8940

■ 152.3500,
-40.1130, -27.4490

■ 189.2020, 11.4150,
7.8870

■ 146.1700,
-48.5940, -33.4420

■ 195.3820, 19.8960,
13.8800

■ 139.8050,
-57.9920, -39.3360

■ 201.4480, 28.6980,
19.5620

■ 133.6250,
-66.4730, -45.3290

■ 206.4320, 34.7950,
24.7070

■ 127.4450,
-74.9540, -51.3220

■ 207.2300, 32.5480,
26.8840

■ 121.3790,
-83.7560, -57.0040

■ 207.9140, 30.6220,
28.7500

■ 119.3570,
-86.6900, -58.8980

■ 208.7120, 28.3750,
30.9270

Harmonies

Analogous

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



171.6370, -3.7120, -9.8240



170.7760, -14.3490, -9.7810



170.3500, -21.7770, -7.3210

Triad

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



170.7760, -14.3490, -9.7810



175.3230, -7.9790, 6.9410



175.7050, 19.9440, 1.9920

Complementary

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



170.7760, -14.3490, -9.7810



161.2240, 14.3490, 9.7810

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.



176.5680, 19.0720, 6.7840



170.7760, -14.3490, -9.7810



176.3630, 3.7120, 9.8240

Square

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



170.7760, -14.3490, -9.7810



173.5990, -17.7440, 2.1920



177.0390, 13.4320, 9.8800



174.5040, 15.9560, -2.8280

Rectangle

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



170.7760, -14.3490, -9.7810



170.8600, -23.1530, -4.4090



177.0390, 13.4320, 9.8800



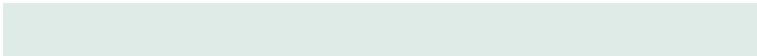
176.0580, 20.4480, 3.8720

Sweetspot

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



170.7760, -14.3490, -9.7810



230.8420, -5.5470, -4.0990



171.8990, -1.6940, -13.3580



114.6790, -3.5300, -2.1060



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



170.7760, -14.3490, -9.7810



218.8950, -22.2340, -15.5620



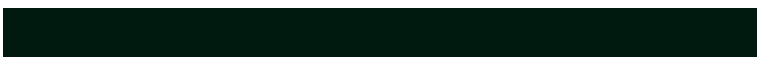
170.2690, -17.0550, -4.7910



85.9670, -4.4010, -2.8410



100.8690, -73.2120, -49.8520



17.0860, -12.2860, -8.6220

Inverse Universe

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



161.2240, 14.3490, 9.7810



203.9910, 22.5550, 15.2510



161.7310, 17.0550, 4.7910



83.1470, 4.0800, 3.1520



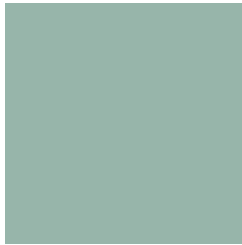
52.1310, 73.2120, 49.8520



8.8000, 12.6070, 8.3110

Previews

White Background



This preview shows how the YIQ color 170.7760, -14.3490, -9.7810 looks on a white background.

Color Contrast Check

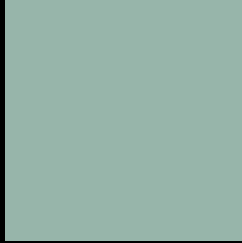
Large Text (above 18pt) WCAG AA × Fail

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 170.7760, -14.3490, -9.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

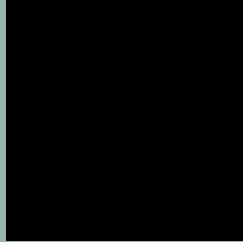
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

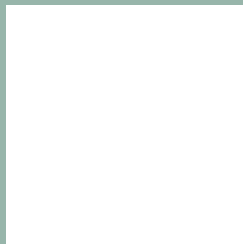
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 170.7760, -14.3490, -9.7810

Background



This preview shows how black text looks on a background with the YIQ color 170.7760, -14.3490, -9.7810.



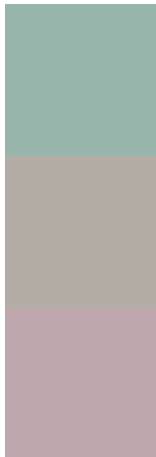
This preview shows how white text looks on a background with the YIQ color 170.7760, -14.3490, -9.7810.

-9.7810.

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

170.7760, -14.3490, -9.7810

Protanopia

173.9960, 5.8230, -0.9050

Deuteranopia

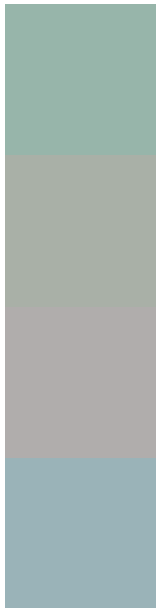
175.4470, 12.1030, 6.4310



Tritanopia

172.7190, -18.2020, -0.5220

Trichromacy



Original Color

170.7760, -14.3490, -9.7810

Protanomaly

172.8810, -1.2830, -4.2830

Deuteranomaly

173.7830, 2.1090, 0.3250

Tritanomaly

172.0950, -16.5050, -3.7450

Monochromacy



Original Color

170.7760, -14.3490, -9.7810

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.2550, -5.2720, -3.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.7760, -14.3490, -9.7810 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(151, 181, 170)` looks like.

```
.text, #text, p{  
    color:rgb(151, 181, 170)  
}
```

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(151, 181, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 181, 170) }
```

Border

The CSS property to change the border of an element to YIQ 170.7760, -14.3490, -9.7810 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(151, 181, 170) }
```


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

```
.border{ border-color:rgb(151, 181, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 181, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 181, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 181, 170);  
box-shadow:4px 4px 4px 4px rgb(151, 181,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 170.7760, -14.3490, -9.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 181, 170) }
```

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

```
.background{ background-color: rgb(151,  
181, 170) }
```

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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