

Converting Colors

YIQ(188.8860, -18.0150,
-20.4390)

Have a look what the booklet for
YIQ(188.8860, -18.0150, -20.4390)
contains.

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Color

**YIQ(188.8860, -18.0150,
-20.4390)**

Conversions

Conversions Part 1

Format	Color
Hex	9FCFAE
RGB	159, 207, 174
RGB Percent	62%, 81%, 68%
CMY	0.3766, 0.1881, 0.3177
CMYK	0.23, 0.00, 0.16, 0.19
HSL	139°, 33%, 72%
HSV	139°, 23%, 81%
XYZ	44.2478, 55.0583, 48.3336
YIQ	188.8860, -18.0150, -20.4390

Conversions

Conversions Part 2

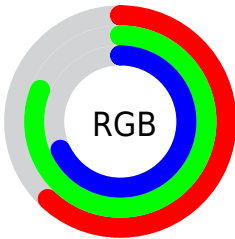
Format	Color
RYB	159, 196, 207
Decimal	10473390
CIELab	79.07, -22.29, 11.36
CIELCh	79, 25.017, 153.005
Yxy	55.0583, 0.2997, 0.3729
Android (android.graphics.Color)	4288663470 (0xFF9FCFAE)
YUV	188.8860, -7.3388, -26.2100
Hunter-Lab	74.2013, -23.4090, 13.3203

Details

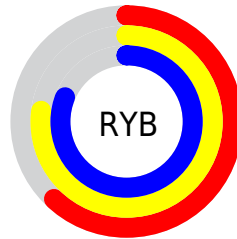
The YIQ color **188.8860, -18.0150, -20.4390** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177.1140, 18.0150, 20.4390**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **239.8910, -16.4110, -16.4670**, and **135.1250, -17.1900, -18.8700** is the 20% darker color. If you saturate the color by 10%, you get **181.0110, -26.0370, -29.2450**, and if you desaturate by 10%, it is **196.7610, -9.9930, -11.6330**.

Distribution



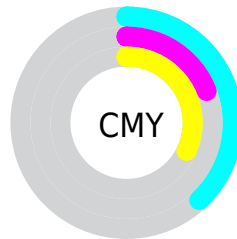
- Red (62%)
- Green (81%)
- Blue (68%)



- Red (62%)
- Yellow (77%)
- Blue (81%)



- Cyan (23%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (38%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 188.8860, -18.0150, -20.4390 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 188.8860, -18.0150, -20.4390 by changing the saturation by 10% instead.

■ 188.8860,
-18.0150, -20.4390

■ 188.8860,
-18.0150, -20.4390

255.0000, -0.0000,
-0.0000

■ 161.2990,
-17.7400, -19.9160

■ 239.7770,
-16.0900, -16.7780

■ 135.7120,
-17.4650, -19.3930

■ 251.4120, -7.1520,
-2.5440

■ 109.2390,
-17.5110, -18.5590

■ 84.6520, -17.2360,
-18.0360

■ 60.7660, -17.5570,
-17.7250

■ 37.0970, -19.9870,
-17.7390

■ 19.8270, -10.3590,

-16.0150

■ 0.0000, 0.0000,
0.0000

■ 188.8860,
-18.0150, -20.4390

■ 188.8860,
-18.0150, -20.4390

■ 181.0110,
-26.0370, -29.2450

■ 196.7610, -9.9930,
-11.6330

■ 173.4350,
-33.4630, -37.8390

■ 204.3370, -2.5670,
-3.0390

■ 165.4460,
-41.1640, -46.9560

■ 212.3260, 5.1340,
6.0780

■ 157.5710,
-49.1860, -55.7620

■ 220.2010, 13.1560,
14.8840

■ 149.6960,
-57.2080, -64.5680

■ 225.6840, 16.4100,
21.9940

■ 142.1200,
-64.6340, -73.1620

■ 226.8240, 13.2000,
25.1040

■ 134.1310,
-72.3350, -82.2790

■ 128.9190,
-77.7900, -88.0460

Harmonies

Analogous

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



191.6730, 4.6340, -17.9100



188.8860, -18.0150, -20.4390



186.1040, -39.0600, -18.9960

Triad

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



188.8860, -18.0150, -20.4390



194.3560, -29.9410, 8.4830



198.5120, 39.8410, 10.3450

Complementary

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



188.8860, -18.0150, -20.4390



177.1140, 18.0150, 20.4390

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.



199.5470, 32.7330, 18.0210



188.8860, -18.0150, -20.4390



198.4300, -6.4220, 17.2740

Square

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



188.8860, -18.0150, -20.4390



189.5230, -46.9490, -2.6690



199.7440, 16.1810, 20.6370



196.5080, 36.4960, -0.6240

Rectangle

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



188.8860, -18.0150, -20.4390



185.8350, -48.3680, -15.5040



199.7440, 16.1810, 20.6370



199.0220, 38.4650, 13.2570

Sweetspot

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



188.8860, -18.0150, -20.4390



248.2500, -6.8760, -7.5480



197.3420, 7.0640, -17.8960



123.7990, -3.9880, -4.8200



0.0000, 0.0000, 0.0000



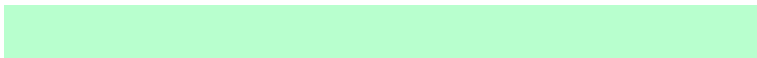
128.0000, -0.0000, -0.0000

Same Dimension

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



188.8860, -18.0150, -20.4390



228.1850, -26.5870, -30.2910



191.5080, -25.3980, -13.2860



100.7990, -3.9880, -4.8200



104.6580, -63.2130, -71.3810



25.5490, -15.4480, -17.4000

Inverse Universe

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



177.1140, 18.0150, 20.4390



210.8150, 26.5870, 30.2910



174.4920, 25.3980, 13.2860



98.0870, 4.3090, 4.5090



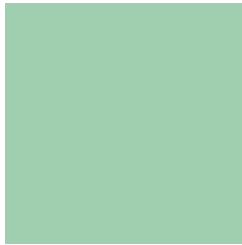
63.4560, 62.8920, 71.6920



15.4510, 15.4480, 17.4000

Previews

White Background



This preview shows how the YIQ color 188.8860, -18.0150, -20.4390 looks on a white background.

Color Contrast Check

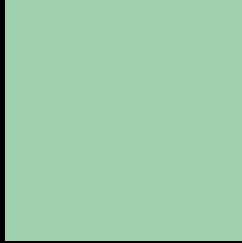
Large Text (above 18pt) WCAG AA × Fail

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 188.8860, -18.0150, -20.4390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

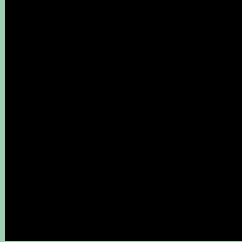
Any Text WCAG AA ✓ Pass

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 188.8860, -18.0150, -20.4390 Background



This preview shows how black text looks on a background with the YIQ color 188.8860, -18.0150, -20.4390.



This preview shows how white text looks on a background with the YIQ color 188.8860, -18.0150, -20.4390.

-20.4390.

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

188.8860, -18.0150, -20.4390

Protanopia

194.9120, 14.6270, -6.2770

Deuteranopia

196.4280, 22.2820, 3.6740



Tritanopia

192.6580, -25.4000, -2.2320

Trichromacy



Original Color

188.8860, -18.0150, -20.4390

Protanomaly

192.4050, 2.7530, -11.3510

Deuteranomaly

193.8450, 7.5660, -4.9620

Tritanomaly

191.1110, -22.6020, -8.8900

Monochromacy



Original Color

188.8860, -18.0150, -20.4390

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.2500, -6.8760, -7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.8860, -18.0150, -20.4390 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(159, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(159, 207, 174)  
}
```

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(159, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 207, 174) }
```

Border

The CSS property to change the border of an element to YIQ 188.8860, -18.0150, -20.4390 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(159, 207, 174) }
```


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

```
.border{ border-color:rgb(159, 207, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 207, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(159, 207,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 188.8860, -18.0150, -20.4390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 207, 174) }
```

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

```
.background{ background-color: rgb(159,  
207, 174) }
```

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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