

Converting Colors

YIQ(239.9500, -14.8990,
-10.8270)

Have a look what the booklet for
YIQ(239.9500, -14.8990, -10.8270)
contains.

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Color

**YIQ(239.9500, -14.8990,
-10.8270)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFBEE
RGB	219, 251, 238
RGB Percent	86%, 98%, 93%
CMY	0.1413, 0.0156, 0.0667
CMYK	0.13, 0.00, 0.05, 0.02
HSL	156°, 80%, 92%
HSV	156°, 13%, 98%
XYZ	79.1391, 90.2318, 94.1247
YIQ	239.9500, -14.8990, -10.8270

Conversions

Conversions Part 2

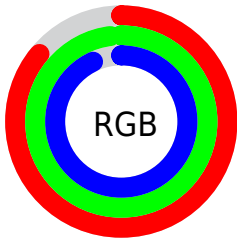
Format	Color
R _Y B	219, 239, 251
Decimal	14416878
CIE Lab	96.09, -12.77, 2.74
CIE LCh	96, 13.064, 167.885
Yxy	90.2318, 0.3003, 0.3424
Android (android.graphics.Color)	4292606958 (0xFFDBFBEE)
YUV	239.9500, -0.9613, -18.3731
Hunter-Lab	94.9904, -17.5200, 7.7437

Details

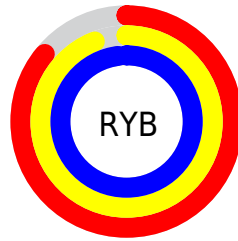
The YIQ color $239.9500, -14.8990, -10.8270$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.0500, 14.8990, 10.8270$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.6620, -14.0280, -10.0920$ is the 20% darker color. If you saturate the color by 10%, you get $231.3350, -26.5890, -19.2370$, and if you desaturate by 10%, it is $248.5650, -3.2090, -2.4170$.

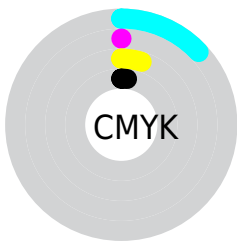
Distribution



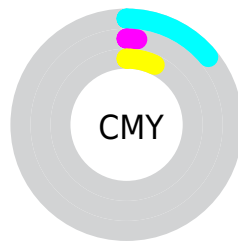
- Red (86%)
- Green (98%)
- Blue (93%)



- Red (86%)
- Yellow (94%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (14%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.9500, -14.8990, -10.8270 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 239.9500, -14.8990, -10.8270 by changing the saturation by 10% instead.

■ 239.9500,
-14.8990, -10.8270

■ 239.9500,
-14.8990, -10.8270

255.0000, -0.0000,
-0.0000

■ 211.3630,
-14.6240, -10.3040

■ 183.6620,
-14.0280, -10.0920

■ 156.6620,
-14.0280, -10.0920

■ 130.9610,
-13.4320, -9.8800

■ 105.3740,
-13.1570, -9.3570

■ 81.3740, -13.1570,
-9.3570

■ 57.7870, -12.8820,

-8.8340

■ 36.2000, -12.6070,
-8.3110

■ 16.2710, -11.3690,
-8.7210

■ 239.9500,
-14.8990, -10.8270

■ 239.9500,
-14.8990, -10.8270

■ 231.3350,
-26.5890, -19.2370

■ 248.5650, -3.2090,
-2.4170

■ 222.7200,
-38.2790, -27.6470

■ 252.6520, 1.1000,
2.0920

■ 213.9910,
-49.6480, -36.3680

■ 205.3760,
-61.3380, -44.7780

■ 196.4620,
-73.6240, -53.4000

■ 187.8470,
-85.3140, -61.8100

■ 179.2320,
-97.0040, -70.2200

■ 170.5030,
-108.3730, -78.9410

■ 164.3230,
-116.8540, -84.9340

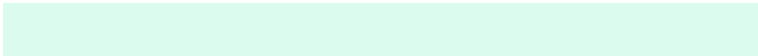
Harmonies

Analogous

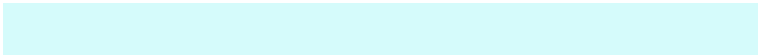
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.1100, -3.6660, -10.6580



239.9500, -14.8990, -10.8270



239.6380, -22.6480, -8.0560

Triad

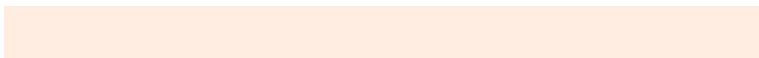
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.9500, -14.8990, -10.8270



242.8840, -5.3650, 3.6190



241.0140, 14.5800, 0.0840

Complementary

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



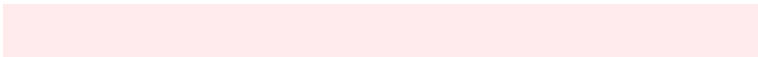
239.9500, -14.8990, -10.8270



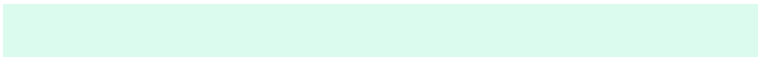
230.0500, 14.8990, 10.8270

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.



241.0940, 11.5990, 4.5510



239.9500, -14.8990, -10.8270



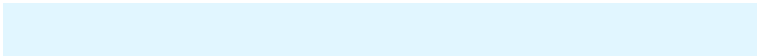
245.0210, 4.6750, 8.8910

Square

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



239.9500, -14.8990, -10.8270



240.7470, -15.4050, -1.6530



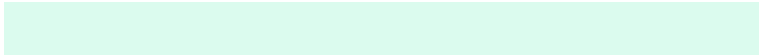
243.1630, 7.1510, 8.0710



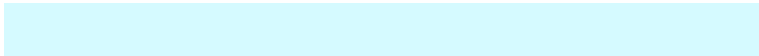
242.6780, 15.4060, -3.8740

Rectangle

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



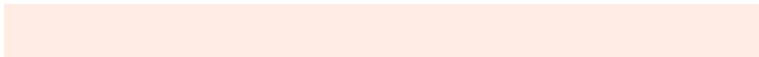
239.9500, -14.8990, -10.8270



239.5070, -23.6570, -6.2890



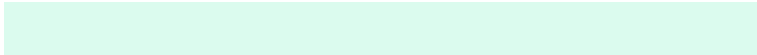
243.1630, 7.1510, 8.0710



241.4700, 13.2960, 1.3280

Sweetspot

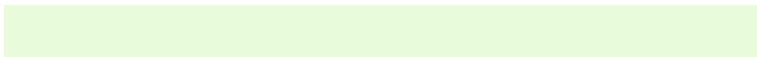
The Sweet Spot groups the original color and five complimentary colors.



239.9500, -14.8990, -10.8270



251.5540, -4.6760, -3.3640



241.6710, -1.0520, -13.9800



125.5650, -3.2090, -2.4170



0.0000, 0.0000, 0.0000



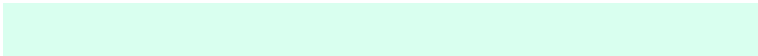
128.0000, -0.0000, -0.0000

Same Dimension

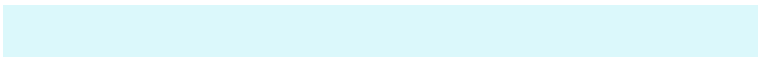
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.9500, -14.8990, -10.8270



241.8140, -17.5120, -13.0320



239.6710, -18.2470, -5.2150



120.5430, -6.1430, -4.3110



123.7110, -87.9270, -64.0150



39.9110, -28.3310, -20.7070

Inverse Universe

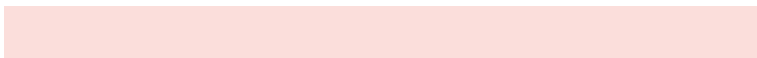
The Inverse Universe completely reimagines the original color for something new.



230.0500, 14.8990, 10.8270



230.0720, 17.8330, 12.7210



230.3290, 18.2470, 5.2150



116.5710, 5.8220, 4.6220



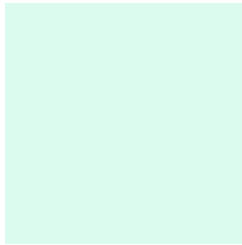
65.2890, 87.9270, 64.0150



21.0890, 28.3310, 20.7070

Previews

White Background



This preview shows how the YIQ color 239.9500, -14.8990, -10.8270 looks on a white background.

Color Contrast Check

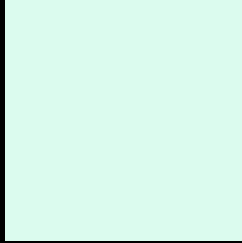
Large Text (above 18pt) WCAG AA × Fail

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 239.9500, -14.8990, -10.8270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

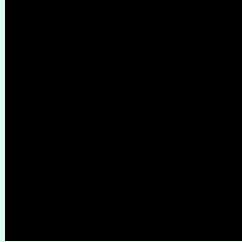
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

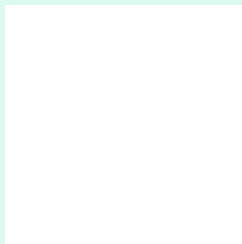
Any Text WCAG AAA ✓ Pass

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

YIQ 239.9500, -14.8990, -10.8270 Background



This preview shows how black text looks on a background with the YIQ color 239.9500, -14.8990, -10.8270.



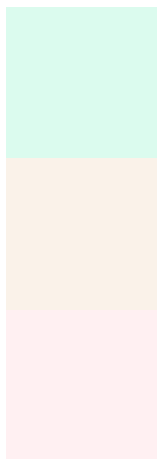
This preview shows how white text looks on a background with the YIQ color 239.9500, -14.8990, -10.8270.

-10.8270.

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

239.9500, -14.8990, -10.8270

Protanopia

243.3660, 7.6570, -1.1030

Deuteranopia

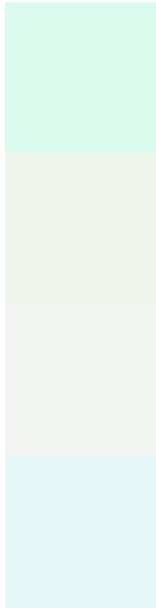
244.7130, 8.2980, 3.8020



Tritanopia

242.8510, -9.7660, 0.7780

Trichromacy



Original Color

239.9500, -14.8990, -10.8270

Protanomaly

242.0660, -0.3660, -4.3820

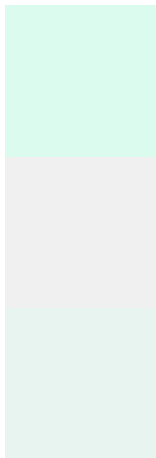
Deuteranomaly

243.0600, -0.2290, -1.3570

Tritanomaly

241.8460, -11.3700, -3.1940

Monochromacy



Original Color

239.9500, -14.8990, -10.8270

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.8420, -5.5470, -4.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.9500, -14.8990, -10.8270 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(219, 251, 238)` looks like.

```
.text, #text, p{  
    color:rgb(219, 251, 238)  
}
```

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(219, 251, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 251, 238) }
```

Border

The CSS property to change the border of an element to YIQ 239.9500, -14.8990, -10.8270 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(219, 251, 238) }
```


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

```
.border{ border-color:rgb(219, 251, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 251, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 251, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 251, 238);  
box-shadow:4px 4px 4px 4px rgb(219, 251,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 239.9500, -14.8990, -10.8270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 251, 238) }
```

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

```
.background{ background-color: rgb(219,  
251, 238) }
```

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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