

Converting Colors

YIQ(239.0510, -5.1780,
-16.2980)

Have a look what the booklet for
YIQ(239.0510, -5.1780, -16.2980)
contains.

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Color

**YIQ(239.0510, -5.1780,
-16.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	E0FBD9
RGB	224, 251, 217
RGB Percent	88%, 98%, 85%
CMY	0.1216, 0.0156, 0.1490
CMYK	0.11, 0.00, 0.14, 0.02
HSL	108°, 81%, 92%
HSV	108°, 14%, 98%
XYZ	77.7590, 89.8550, 78.8921
YIQ	239.0510, -5.1780, -16.2980

Conversions

Conversions Part 2

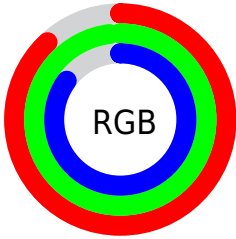
Format	Color
R _Y B	217, 251, 244
Decimal	14744537
CIE Lab	95.94, -14.85, 13.36
CIE LCh	96, 19.976, 138.022
Yxy	89.8550, 0.3154, 0.3645
Android (android.graphics.Color)	4292934617 (0xFFE0FBD9)
YUV	239.0510, -10.8711, -13.1997
Hunter-Lab	94.7919, -19.4600, 17.0093

Details

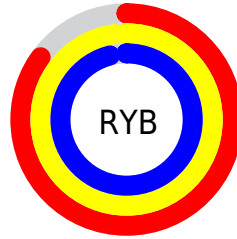
The YIQ color $239.0510, -5.1780, -16.2980$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $228.9490, 5.1780, 16.2980$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.8770, -4.6280, -15.2520$ is the 20% darker color. If you saturate the color by 10%, you get $230.2210, -9.0730, -28.3130$, and if you desaturate by 10%, it is $247.8810, -1.2830, -4.2830$.

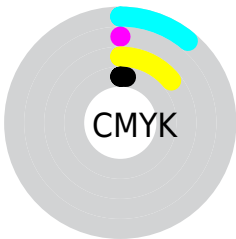
Distribution



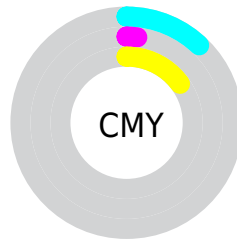
- Red (88%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (12%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.0510, -5.1780, -16.2980 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 239.0510, -5.1780, -16.2980 by changing the saturation by 10% instead.


 239.0510, -5.1780,
-16.2980


 239.0510, -5.1780,
-16.2980


255.0000, -0.0000,
-0.0000


 210.4640, -4.9030,
-15.7750

 182.8770, -4.6280,
-15.2520

 155.9910, -4.9490,
-14.9410

 129.9910, -4.9490,
-14.9410

 104.5180, -4.9950,
-14.1070

 80.9310, -4.7200,
-13.5840

 57.4580, -4.7660,

-12.7500

■ 35.5720, -5.0870,
-12.4390

■ 14.6750, -6.8750,
-13.0750

■ 239.0510, -5.1780,
-16.2980

■ 239.0510, -5.1780,
-16.2980

■ 230.2210, -9.0730,
-28.3130

■ 247.8810, -1.2830,
-4.2830

■ 221.3910,
-12.9680, -40.3280

■ 252.6520, 1.1000,
2.0920

■ 212.5610,
-16.8630, -52.3430

■ 203.7310,
-20.7580, -64.3580

■ 194.7870,
-24.3320, -76.6840

■ 185.9570,
-28.2270, -88.6990

■ 177.1270,
-32.1220, -100.7140

■ 168.2970,
-36.0170, -112.7290

■ 162.5860,
-38.6290, -120.4610

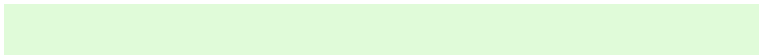
Harmonies

Analogous

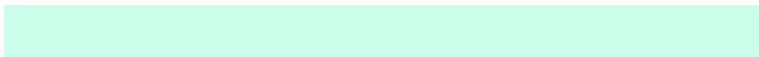
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.4400, 12.8400, -12.4400



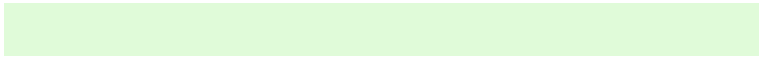
239.0510, -5.1780, -16.2980



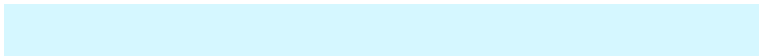
236.8840, -23.7010, -16.5090

Triad

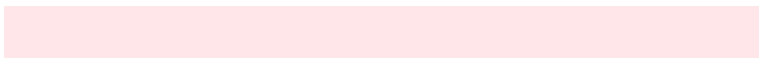
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.0510, -5.1780, -16.2980



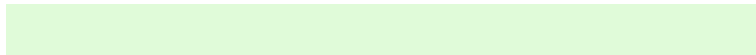
237.7460, -22.8320, -4.7200



237.7030, 14.2580, 5.9220

Complementary

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



239.0510, -5.1780, -16.2980



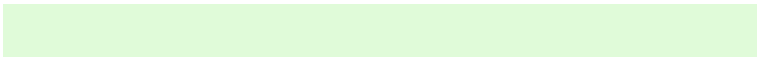
228.9490, 5.1780, 16.2980

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.



240.5700, 7.5630, 11.6190



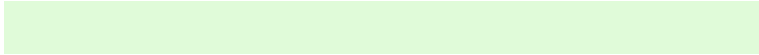
239.0510, -5.1780, -16.2980



241.4000, -6.8780, 3.5060

Square

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



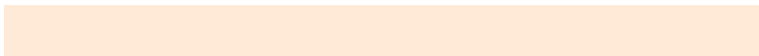
239.0510, -5.1780, -16.2980



235.5980, -34.3390, -10.9390



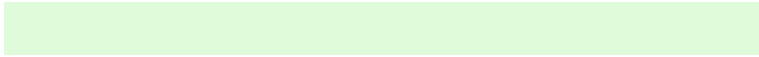
243.2600, 5.5000, 10.4600



238.1130, 18.6150, -1.4570

Rectangle

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



239.0510, -5.1780, -16.2980



236.5610, -32.9170, -14.6850



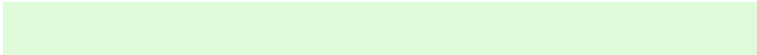
243.2600, 5.5000, 10.4600



238.5010, 12.0110, 8.0990

Sweetspot

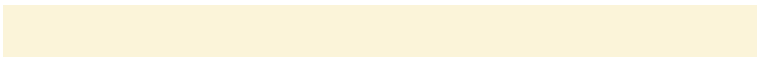
The Sweet Spot groups the original color and five complimentary colors.



239.0510, -5.1780, -16.2980



251.4680, -1.5580, -4.8060



243.0150, 12.8390, -6.9130



125.4080, -1.3290, -3.4490



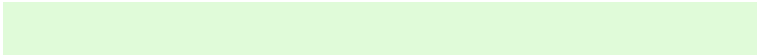
0.0000, 0.0000, 0.0000



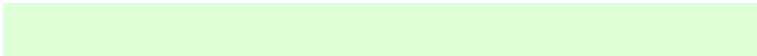
128.0000, -0.0000, -0.0000

Same Dimension

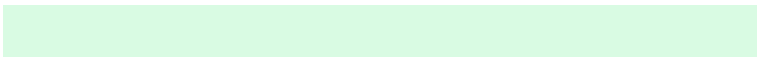
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.0510, -5.1780, -16.2980



240.7580, -5.9110, -19.5350



238.0980, -12.5600, -14.6720



120.5280, -1.7870, -6.1630



122.6040, -28.7310, -90.5790



39.6940, -9.0270, -29.1470

Inverse Universe

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



228.9490, 5.1780, 16.2980



228.5410, 6.5070, 19.7470



229.9020, 12.5600, 14.6720



116.4720, 1.7870, 6.1630



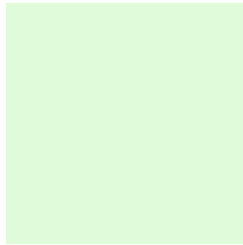
66.3960, 28.7310, 90.5790



21.6050, 9.6230, 29.3590

Previews

White Background



This preview shows how the YIQ color 239.0510, -5.1780, -16.2980 looks on a white background.

Color Contrast Check

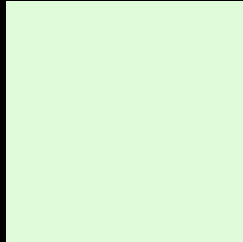
Large Text (above 18pt) WCAG AA × Fail

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 239.0510, -5.1780, -16.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

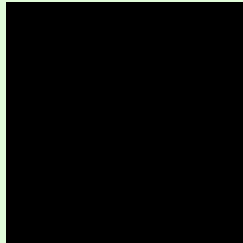
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

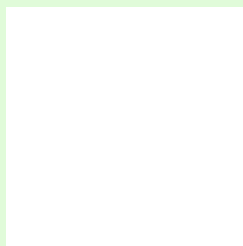
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.0510, -5.1780, -16.2980

Background



This preview shows how black text looks on a background with the YIQ color 239.0510, -5.1780, -16.2980.



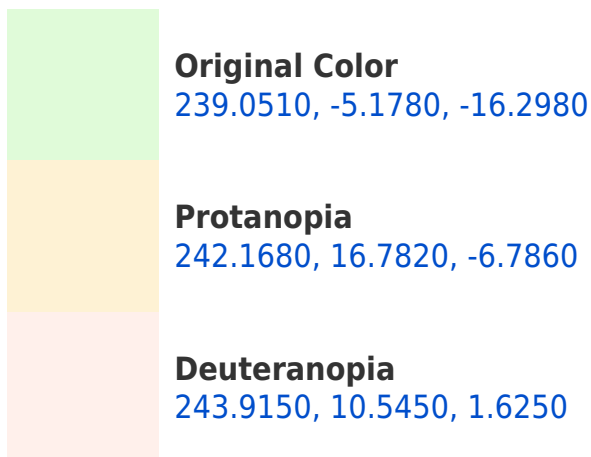
This preview shows how white text looks on a background with the YIQ color 239.0510, -5.1780, -16.2980.

-16.2980.

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

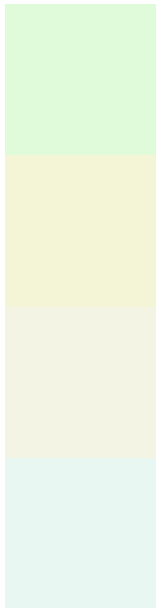




Tritanopia

243.1610, -7.7030, 1.9370

Trichromacy



Original Color

239.0510, -5.1780, -16.2980

Protanomaly

240.8680, 8.7590, -10.0650

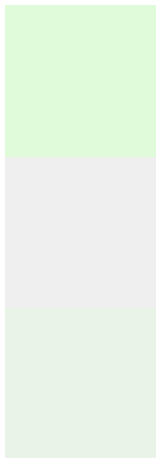
Deuteranomaly

242.1760, 5.1360, -4.9760

Tritanomaly

241.8310, -7.0140, -5.0460

Monochromacy



Original Color

239.0510, -5.1780, -16.2980

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.9410, -1.5120, -5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.0510, -5.1780, -16.2980 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(224, 251, 217)` looks like.

```
.text, #text, p{  
    color:rgb(224, 251, 217)  
}
```

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(224, 251, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 251, 217) }
```

Border

The CSS property to change the border of an element to YIQ 239.0510, -5.1780, -16.2980 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(224, 251, 217) }
```


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

```
.border{ border-color:rgb(224, 251, 217) }
```

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

Here you see how a box with a 4 pixel rgb(224, 251, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 251, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 251, 217);  
box-shadow:4px 4px 4px 4px rgb(224, 251,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 239.0510, -5.1780, -16.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 251, 217) }
```

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

```
.background{ background-color: rgb(224,  
251, 217) }
```

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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