

Converting Colors

YIQ(236.1740, -18.8860,
-21.1740)

Have a look what the booklet for
YIQ(236.1740, -18.8860, -21.1740)
contains.

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Color

**YIQ(236.1740, -18.8860,
-21.1740)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFFD
RGB	205, 255, 221
RGB Percent	80%, 100%, 87%
CMY	0.1962, 0.0000, 0.1334
CMYK	0.20, 0.00, 0.13, 0.00
HSL	139°, 100%, 90%
HSV	139°, 20%, 100%
XYZ	73.9765, 89.7139, 81.8155
YIQ	236.1740, -18.8860, -21.1740

Conversions

Conversions Part 2

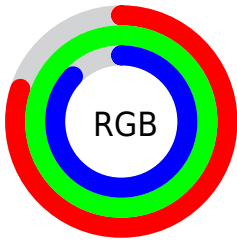
Format	Color
R_{YB}	205, 243, 255
Decimal	13500381
CIE _{Lab}	95.88, -22.31, 11.07
CIE _{LCh}	96, 24.901, 153.611
Yxy	89.7139, 0.3013, 0.3654
Android (android.graphics.Color)	4291690461 (0xFFCDDFFDD)
YUV	236.1740, -7.4808, -27.3396
Hunter-Lab	94.7174, -26.3428, 15.0884

Details

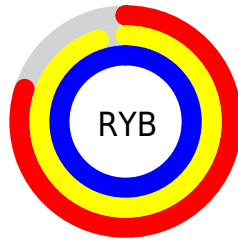
The YIQ color $236.1740, -18.8860, -21.1740$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $223.8260, 18.8860, 21.1740$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.0000, -18.3360, -20.1280$ is the 20% darker color. If you saturate the color by 10%, you get $226.4620, -28.9250, -31.9730$, and if you desaturate by 10%, it is $245.5870, -9.4430, -10.5870$.

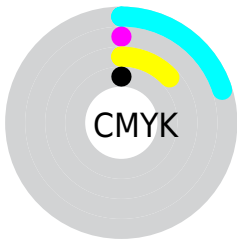
Distribution



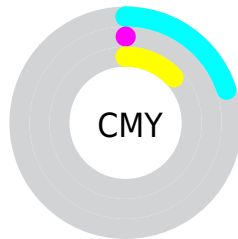
- Red (80%)
- Green (100%)
- Blue (87%)



- Red (80%)
- Yellow (95%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.1740, -18.8860, -21.1740 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 236.1740, -18.8860, -21.1740 by changing the saturation by 10% instead.

■ 236.1740,
-18.8860, -21.1740

■ 236.1740,
-18.8860, -21.1740

255.0000, -0.0000,
-0.0000

■ 207.5870,
-18.6110, -20.6510

■ 180.0000,
-18.3360, -20.1280

■ 153.4130,
-18.0610, -19.6050

■ 126.8260,
-17.7860, -19.0820

■ 101.2390,
-17.5110, -18.5590

■ 76.7660, -17.5570,
-17.7250

■ 53.5810, -18.4740,

-17.6260

■ 30.2110, -20.3080,
-17.4280

■ 16.4360, -7.7000,
-14.6440

■ 236.1740,
-18.8860, -21.1740

■ 236.1740,
-18.8860, -21.1740

■ 226.4620,
-28.9250, -31.9730

■ 245.5870, -9.4430,
-10.5870

■ 216.9350,
-38.0470, -42.8710

255.0000, -0.0000,
-0.0000

■ 207.2230,
-48.0860, -53.6700

■ 197.8100,
-57.5290, -64.2570

■ 187.9840,
-67.2470, -75.3670

■ 178.5710,
-76.6900, -85.9540

■ 168.8590,
-86.7290, -96.7530

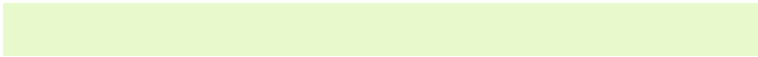
■ 159.3320,
-95.8510, -107.6510

■ 159.0330,
-96.4470, -107.8630

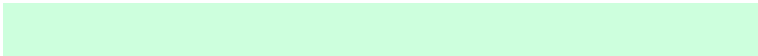
Harmonies

Analogous

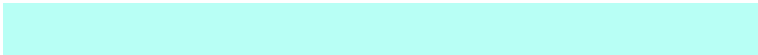
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.2600, 4.3590, -18.4330



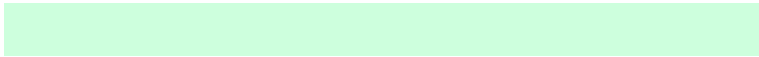
236.1740, -18.8860, -21.1740



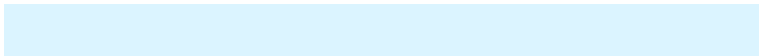
232.6310, -39.1060, -18.1620

Triad

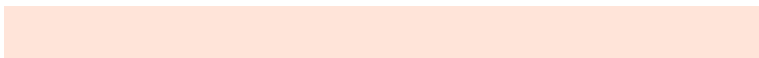
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.1740, -18.8860, -21.1740



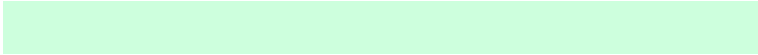
237.7790, -18.4310, -1.8790



234.8190, 19.6230, 2.3030

Complementary

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



236.1740, -18.8860, -21.1740



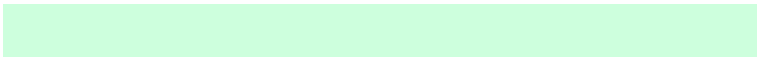
223.8260, 18.8860, 21.1740

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.



236.3810, 12.4690, 10.8130



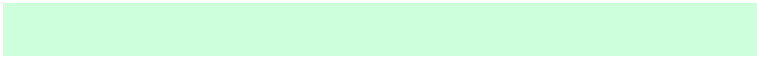
236.1740, -18.8860, -21.1740



242.6510, 2.8410, 9.0890

Square

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



236.1740, -18.8860, -21.1740



233.5160, -37.0440, -11.4760



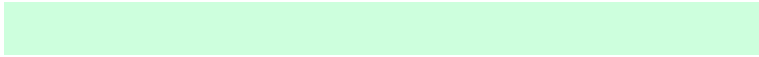
239.7380, 7.1500, 13.5980



236.5170, 23.1090, -5.8110

Rectangle

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



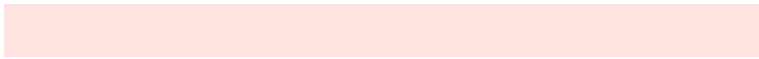
236.1740, -18.8860, -21.1740



231.9770, -45.8920, -16.3240



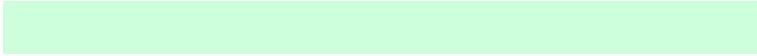
239.7380, 7.1500, 13.5980



235.1440, 17.3300, 5.3140

Sweetspot

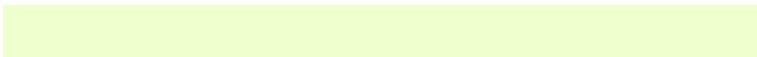
The Sweet Spot groups the original color and five complimentary colors.



236.1740, -18.8860, -21.1740



249.3750, -5.7300, -6.2900



244.5160, 6.5140, -18.9420



124.5110, -3.1170, -4.0850



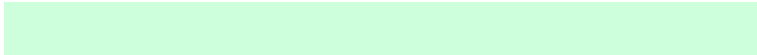
0.0000, 0.0000, 0.0000



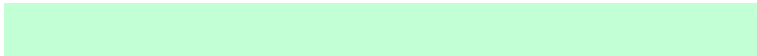
128.0000, -0.0000, -0.0000

Same Dimension

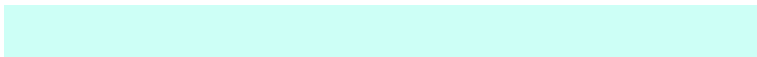
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.1740, -18.8860, -21.1740



231.9730, -22.8740, -25.9940



239.0240, -26.9110, -13.3990



123.0870, -4.8590, -5.5550



119.0710, -72.1060, -80.9220



39.8480, -24.0200, -27.2520

Inverse Universe

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



223.8260, 18.8860, 21.1740



216.9130, 23.1950, 25.6830



220.9760, 26.9110, 13.3990



119.7990, 5.1800, 5.2440



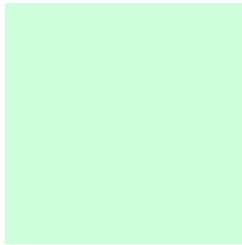
71.9290, 72.1060, 80.9220



24.0380, 24.3410, 26.9410

Previews

White Background



This preview shows how the YIQ color 236.1740, -18.8860, -21.1740 looks on a white background.

Color Contrast Check

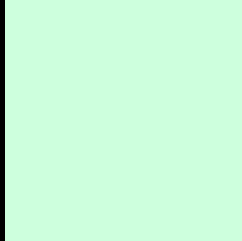
Large Text (above 18pt) WCAG AA × Fail

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 236.1740, -18.8860, -21.1740 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

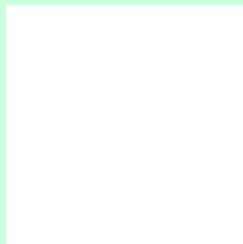
Any Text WCAG AAA ✓ Pass

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

YIQ 236.1740, -18.8860, -21.1740 Background



This preview shows how black text looks on a background with the YIQ color 236.1740, -18.8860, -21.1740.



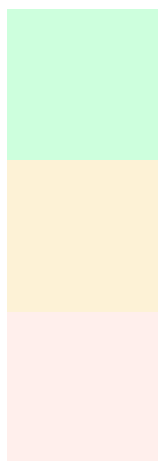
This preview shows how white text looks on a background with the YIQ color 236.1740, -18.8860, -21.1740.

-21.1740.

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

236.1740, -18.8860, -21.1740

Protanopia

242.0970, 15.5440, -6.3760

Deuteranopia

243.4420, 10.4990, 2.4590



Tritanopia

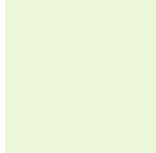
241.3560, -12.7460, -0.2820

Trichromacy



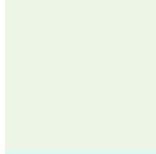
Original Color

236.1740, -18.8860, -21.1740



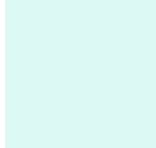
Protanomaly

240.2910, 3.0740, -11.6620



Deuteranomaly

241.0120, -0.2740, -6.0500



Tritanomaly

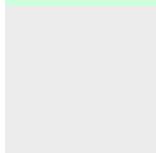
239.6450, -15.3580, -8.0140

Monochromacy



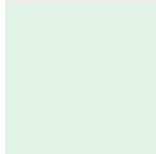
Original Color

236.1740, -18.8860, -21.1740



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

236.2500, -6.8760, -7.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.1740, -18.8860, -21.1740 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(205, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 221)  
}
```

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(205, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 221) }
```

Border

The CSS property to change the border of an element to YIQ 236.1740, -18.8860, -21.1740 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(205, 255, 221) }
```


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

```
.border{ border-color:rgb(205, 255, 221) }
```

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

Here you see how a box with a 4 pixel rgb(205, 255, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 236.1740, -18.8860, -21.1740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 221) }
```

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

```
.background{ background-color: rgb(205,  
255, 221) }
```

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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