

Converting Colors

YIQ(236.3740, -22.3250,
-19.4210)

Have a look what the booklet for
YIQ(236.3740, -22.3250, -19.4210)
contains.

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Color

**YIQ(236.3740, -22.3250,
-19.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	CBFFE4
RGB	203, 255, 228
RGB Percent	80%, 100%, 89%
CMY	0.2041, 0.0000, 0.1059
CMYK	0.20, 0.00, 0.11, 0.00
HSL	149°, 100%, 90%
HSV	149°, 20%, 100%
XYZ	74.3800, 89.8120, 86.8014
YIQ	236.3740, -22.3250, -19.4210

Conversions

Conversions Part 2

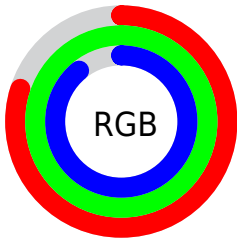
Format	Color
RYB	203, 238, 255
Decimal	13369316
CIELab	95.92, -21.65, 7.52
CIElCh	96, 22.915, 160.851
Yxy	89.8120, 0.2963, 0.3578
Android (android.graphics.Color)	4291559396 (0xFFCBBFE4)
YUV	236.3740, -4.1284, -29.2690
Hunter-Lab	94.7692, -25.7495, 12.0332

Details

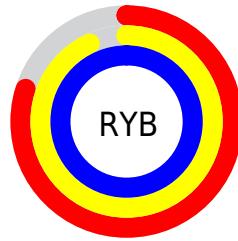
The YIQ color $236.3740, -22.3250, -19.4210$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $221.6260, 22.3250, 19.4210$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.2000, -21.7750, -18.3750$ is the 20% darker color. If you saturate the color by 10%, you get $227.1180, -33.6480, -28.9760$, and if you desaturate by 10%, it is $245.3310, -11.5980, -10.0780$.

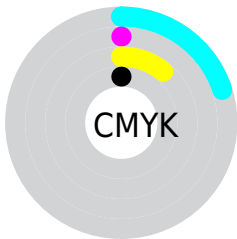
Distribution



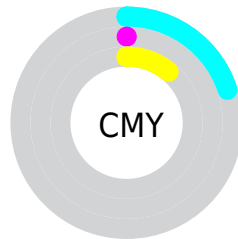
- Red (80%)
- Green (100%)
- Blue (89%)



- Red (80%)
- Yellow (93%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (20%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.3740, -22.3250, -19.4210 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 236.3740, -22.3250, -19.4210 by changing the saturation by 10% instead.

■ 236.3740,
-22.3250, -19.4210

■ 236.3740,
-22.3250, -19.4210

255.0000, -0.0000,
-0.0000

■ 207.7870,
-22.0500, -18.8980

■ 180.2000,
-21.7750, -18.3750

■ 153.4990,
-21.1790, -18.1630

■ 126.9120,
-20.9040, -17.6400

■ 101.4390,
-20.9500, -16.8060

■ 76.8520, -20.6750,
-16.2830

■ 53.2540, -21.8670,

-16.7070

■ 30.7810, -21.9130,
-15.8730

■ 16.6640, -8.3420,
-14.0220

■ 236.3740,
-22.3250, -19.4210

■ 236.3740,
-22.3250, -19.4210

■ 227.1180,
-33.6480, -28.9760

■ 245.3310,
-11.5980, -10.0780

■ 218.1610,
-44.3750, -38.3190

254.5870, -0.2750,
-0.5230

■ 208.7910,
-55.3770, -48.1850

255.0000, -0.0000,
-0.0000

■ 199.8340,
-66.1040, -57.5280

■ 190.5780,
-77.4270, -67.0830

■ 181.6210,
-88.1540, -76.4260

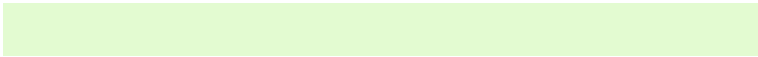
■ 172.2510,
-99.1560, -86.2920

■ 163.7070,
-109.6080, -95.1120

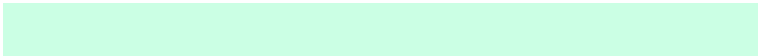
Harmonies

Analogous

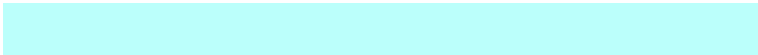
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.0360, -0.8220, -18.1500



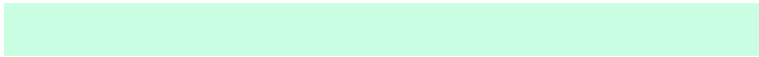
236.3740, -22.3250, -19.4210



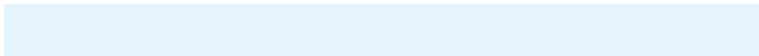
234.2120, -39.2440, -15.6600

Triad

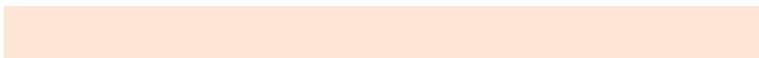
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.3740, -22.3250, -19.4210



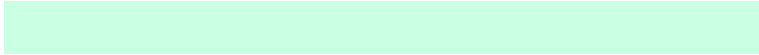
239.5950, -11.9210, 1.2870



236.3520, 19.4400, 0.1120

Complementary

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



236.3740, -22.3250, -19.4210



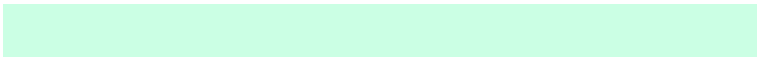
221.6260, 22.3250, 19.4210

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.



236.9850, 13.5240, 8.2120



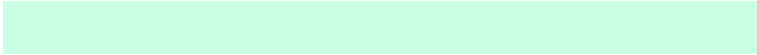
236.3740, -22.3250, -19.4210



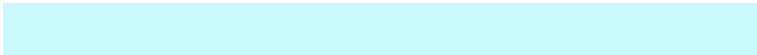
243.2600, 5.5000, 10.4600

Square

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



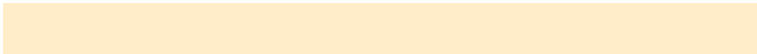
236.3740, -22.3250, -19.4210



235.6310, -29.9380, -8.0980



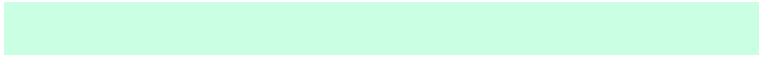
239.7380, 7.1500, 13.5980



238.3920, 21.9630, -7.0690

Rectangle

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



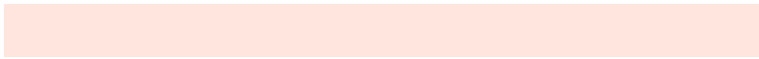
236.3740, -22.3250, -19.4210



233.7710, -42.3160, -15.0520



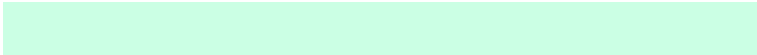
239.7380, 7.1500, 13.5980



235.8620, 18.0640, 3.0240

Sweetspot

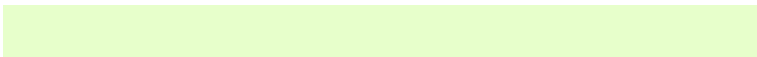
The Sweet Spot groups the original color and five complimentary colors.



236.3740, -22.3250, -19.4210



249.6030, -6.3720, -5.6680



241.8960, 2.3880, -21.2600



124.7390, -3.7590, -3.4630



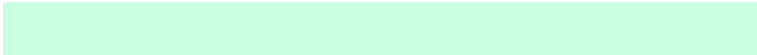
0.0000, 0.0000, 0.0000



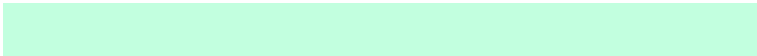
128.0000, -0.0000, -0.0000

Same Dimension

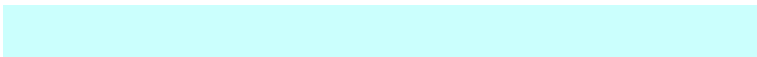
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.3740, -22.3250, -19.4210



233.1130, -26.0840, -22.8840



239.2240, -30.3500, -11.6460



123.3150, -5.5010, -4.9330



122.6050, -82.0570, -71.2810



41.1020, -27.5510, -23.8310

Inverse Universe

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



221.6260, 22.3250, 19.4210



215.8870, 26.0840, 22.8840



218.7760, 30.3500, 11.6460



119.5710, 5.8220, 4.6220



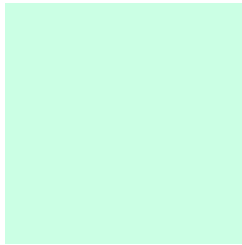
68.3950, 82.0570, 71.2810



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 236.3740, -22.3250, -19.4210 looks on a white background.

Color Contrast Check

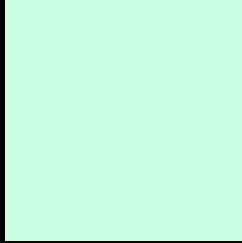
Large Text (above 18pt) WCAG AA × Fail

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 236.3740, -22.3250, -19.4210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

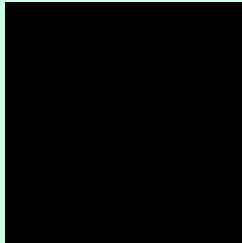
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

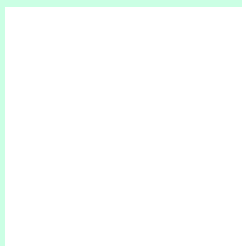
Any Text WCAG AAA ✓ Pass

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

YIQ 236.3740, -22.3250, -19.4210 Background



This preview shows how black text looks on a background with the YIQ color 236.3740, -22.3250, -19.4210.



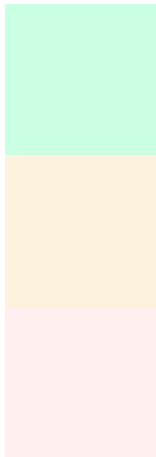
This preview shows how white text looks on a background with the YIQ color 236.3740, -22.3250, -19.4210.

-19.4210.

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

236.3740, -22.3250, -19.4210

Protanopia

242.5960, 12.7010, -4.4110

Deuteranopia

243.6700, 9.8570, 3.0810



Tritanopia

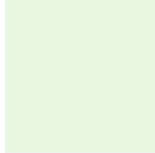
241.9430, -13.0210, -0.8050

Trichromacy



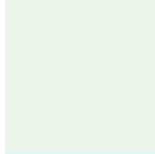
Original Color

236.3740, -22.3250, -19.4210



Protanomaly

240.4910, -0.3650, -9.9090



Deuteranomaly

241.0550, -1.8330, -5.3290



Tritanomaly

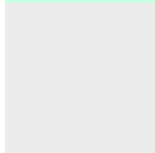
239.8730, -16.0000, -7.3920

Monochromacy



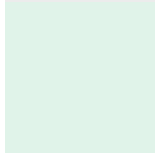
Original Color

236.3740, -22.3250, -19.4210



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

236.1790, -8.1140, -7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.3740, -22.3250, -19.4210 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(203, 255, 228)` looks like.

```
.text, #text, p{  
    color:rgb(203, 255, 228)  
}
```

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(203, 255, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 255, 228) }
```

Border

The CSS property to change the border of an element to YIQ 236.3740, -22.3250, -19.4210 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(203, 255, 228) }
```


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

```
.border{ border-color:rgb(203, 255, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 255, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 255, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 255, 228); box-shadow:4px 4px 4px 4px rgb(203, 255, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 236.3740, -22.3250, -19.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 255, 228) }
```

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

```
.background{ background-color: rgb(203,  
255, 228) }
```

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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