

Converting Colors

YIQ(236.9400, -18.1070,
-18.7710)

Have a look what the booklet for
YIQ(236.9400, -18.1070, -18.7710)
contains.

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Color

**YIQ(236.9400, -18.1070,
-18.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	D0FEE1
RGB	208, 254, 225
RGB Percent	82%, 100%, 88%
CMY	0.1844, 0.0038, 0.1177
CMYK	0.18, 0.00, 0.11, 0.00
HSL	142°, 96%, 91%
HSV	142°, 18%, 100%
XYZ	75.0401, 89.7366, 84.5910
YIQ	236.9400, -18.1070, -18.7710

Conversions

Conversions Part 2

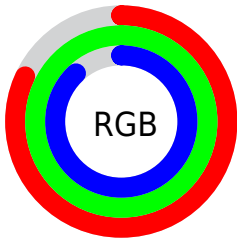
Format	Color
R _Y B	208, 242, 254
Decimal	13696737
CIE Lab	95.89, -20.15, 9.05
CIE LCh	96, 22.092, 155.816
Yxy	89.7366, 0.3009, 0.3599
Android (android.graphics.Color)	4291886817 (0xFFD0FEE1)
YUV	236.9400, -5.8864, -25.3804
Hunter-Lab	94.7294, -24.3773, 13.3661

Details

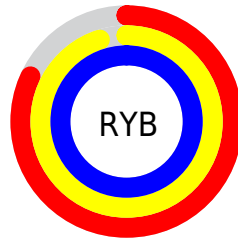
The YIQ color $236.9400, -18.1070, -18.7710$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $225.0600, 18.1070, 18.7710$, and the grayscale version is $237.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.7660, -17.5570, -17.7250$ is the 20% darker color. If you saturate the color by 10%, you get $227.6410, -27.8710, -29.0470$, and if you desaturate by 10%, it is $246.2390, -8.3430, -8.4950$.

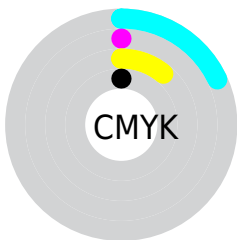
Distribution



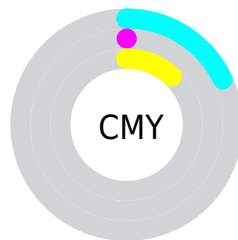
- Red (82%)
- Green (100%)
- Blue (88%)



- Red (82%)
- Yellow (95%)
- Blue (100%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (0%)



- Cyan (18%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 236.9400, -18.1070, -18.7710 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 236.9400, -18.1070, -18.7710 by changing the saturation by 10% instead.

■ 236.9400,
-18.1070, -18.7710

■ 236.9400,
-18.1070, -18.7710

255.0000, -0.0000,
-0.0000

■ 208.3530,
-17.8320, -18.2480

■ 180.7660,
-17.5570, -17.7250

■ 154.0650,
-16.9610, -17.5130

■ 127.5920,
-17.0070, -16.6790

■ 102.5920,
-17.0070, -16.6790

■ 78.0050, -16.7320,
-16.1560

■ 54.5320, -16.7780,

-15.3220

■ 31.1620, -18.6120,
-15.1240

■ 15.8490, -7.4250,
-14.1210

■ 236.9400,
-18.1070, -18.7710

■ 236.9400,
-18.1070, -18.7710

■ 227.6410,
-27.8710, -29.0470

■ 246.2390, -8.3430,
-8.4950

■ 218.0430,
-38.2310, -39.5350

254.4130, 0.2750,
0.5230

■ 208.7440,
-47.9950, -49.8110

■ 199.1460,
-58.3550, -60.2990

■ 189.8470,
-68.1190, -70.5750

■ 180.5480,
-77.8830, -80.8510

■ 170.9500,
-88.2430, -91.3390

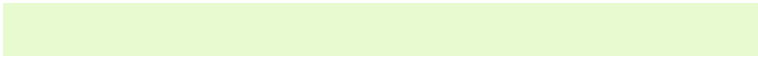
■ 161.6510,
-98.0070, -101.6150

■ 159.8140,
-100.0240, -103.6080

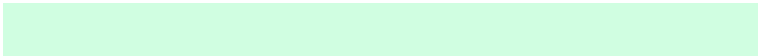
Harmonies

Analogous

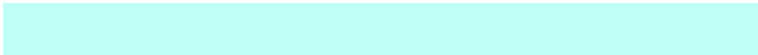
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.8300, 2.7540, -16.8780



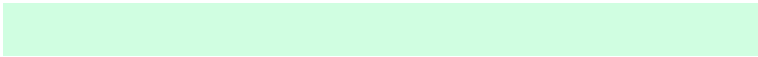
236.9400, -18.1070, -18.7710



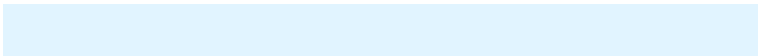
234.9520, -35.5760, -16.0560

Triad

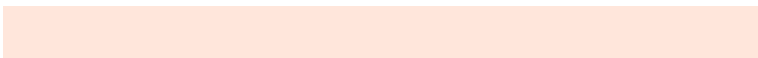
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



236.9400, -18.1070, -18.7710



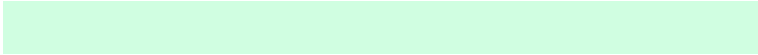
239.5730, -14.8550, -0.6070



236.2210, 18.4310, 1.8790

Complementary

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



236.9400, -18.1070, -18.7710



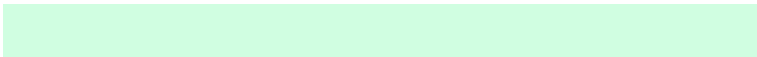
225.0600, 18.1070, 18.7710

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.



237.4410, 12.2400, 9.4560



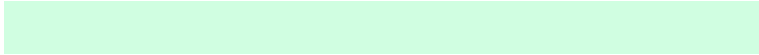
236.9400, -18.1070, -18.7710



242.9500, 3.4370, 9.3010

Square

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



236.9400, -18.1070, -18.7710



235.6200, -31.4050, -9.0450



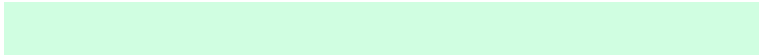
240.9120, 6.6000, 12.5520



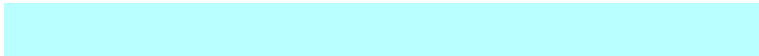
238.1470, 21.2750, -5.6130

Rectangle

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



236.9400, -18.1070, -18.7710



234.3690, -41.1240, -14.6280



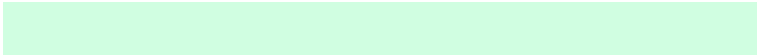
240.9120, 6.6000, 12.5520



236.3180, 16.7800, 4.2680

Sweetspot

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



236.9400, -18.1070, -18.7710



250.2010, -5.1800, -5.2440



243.6730, 4.6340, -17.9100



125.0380, -3.1630, -3.2510



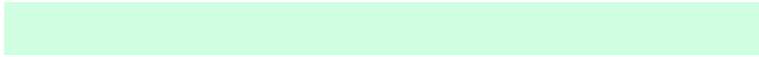
0.0000, 0.0000, 0.0000



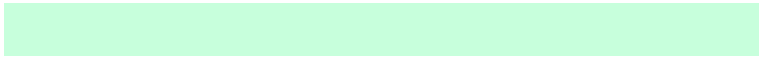
128.0000, -0.0000, -0.0000

Same Dimension

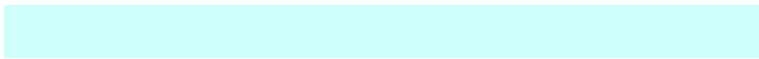
The Same Dimension uses a secret algorithm to generate beautiful new colors.



236.9400, -18.1070, -18.7710



234.2660, -22.1410, -22.7570



239.5620, -25.4900, -11.6180



123.0870, -4.8590, -5.5550



120.2110, -75.3160, -77.8120



40.3040, -25.3040, -26.0080

Inverse Universe

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



225.0600, 18.1070, 18.7710



219.7340, 22.1410, 22.7570



222.4380, 25.4900, 11.6180



119.7990, 5.1800, 5.2440



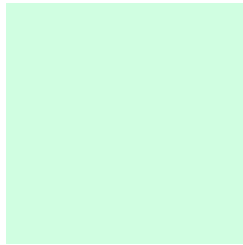
70.9030, 74.9950, 78.1230



23.6960, 25.3040, 26.0080

Previews

White Background



This preview shows how the YIQ color 236.9400, -18.1070, -18.7710 looks on a white background.

Color Contrast Check

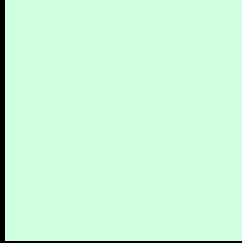
Large Text (above 18pt) WCAG AA × Fail

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 236.9400, -18.1070, -18.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

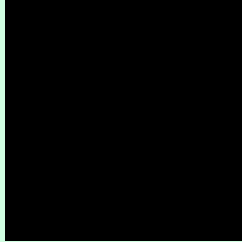
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

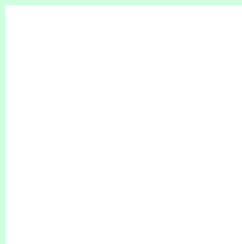
Any Text WCAG AAA ✓ Pass

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

YIQ 236.9400, -18.1070, -18.7710 Background



This preview shows how black text looks on a background with the YIQ color 236.9400, -18.1070, -18.7710.



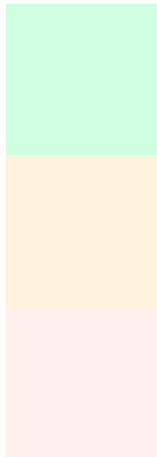
This preview shows how white text looks on a background with the YIQ color 236.9400, -18.1070, -18.7710.

-18.7710.

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

236.9400, -18.1070, -18.7710

Protanopia

242.6670, 13.9390, -4.8210

Deuteranopia

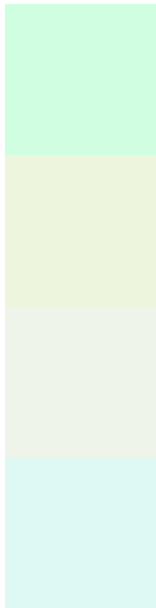
243.5560, 10.1780, 2.7700



Tritanopia

241.6550, -12.1500, -0.0700

Trichromacy



Original Color

236.9400, -18.1070, -18.7710

Protanomaly

240.4590, 2.6610, -9.6830

Deuteranomaly

240.9520, -0.0450, -4.6930

Tritanomaly

239.7700, -14.2120, -6.7560

Monochromacy



Original Color

236.9400, -18.1070, -18.7710

Achromatopsia

237.0000, -0.0000, -0.0000

Achromatomaly

236.7770, -6.9220, -6.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 236.9400, -18.1070, -18.7710 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(208, 254, 225)` looks like.

```
.text, #text, p{  
    color:rgb(208, 254, 225)  
}
```

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(208, 254, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 254, 225) }
```

Border

The CSS property to change the border of an element to YIQ 236.9400, -18.1070, -18.7710 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(208, 254, 225) }
```


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

```
.border{ border-color:rgb(208, 254, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 254, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 254, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 254, 225);  
box-shadow:4px 4px 4px 4px rgb(208, 254,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 236.9400, -18.1070, -18.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 254, 225) }
```

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

```
.background{ background-color: rgb(208,  
254, 225) }
```

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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