

Converting Colors

YIQ(232.0850, -19.7130,
-11.6890)

Have a look what the booklet for
YIQ(232.0850, -19.7130, -11.6890)
contains.

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Color

**YIQ(232.0850, -19.7130,
-11.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF5EA
RGB	206, 245, 234
RGB Percent	81%, 96%, 92%
CMY	0.1922, 0.0391, 0.0824
CMYK	0.16, 0.00, 0.05, 0.04
HSL	163°, 66%, 88%
HSV	163°, 16%, 96%
XYZ	72.9526, 84.3724, 90.2690
YIQ	232.0850, -19.7130, -11.6890

Conversions

Conversions Part 2

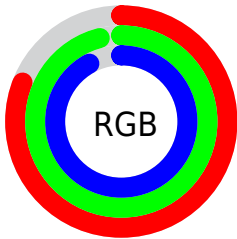
Format	Color
R _Y B	206, 229, 245
Decimal	13563370
CIE Lab	93.61, -14.67, 1.10
CIE LCh	94, 14.712, 175.703
Yxy	84.3724, 0.2946, 0.3408
Android (android.graphics.Color)	4291753450 (0xFFCE5EA)
YUV	232.0850, 0.9441, -22.8765
Hunter-Lab	91.8544, -18.9770, 6.0315

Details

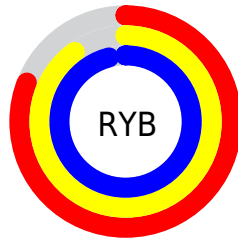
The YIQ color **232.0850, -19.7130, -11.6890** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **218.9150, 19.7130, 11.6890**, and the grayscale version is **232.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **176.3840, -19.1170, -11.4770** is the 20% darker color. If you saturate the color by 10%, you get **223.8120, -32.3660, -19.1660**, and if you desaturate by 10%, it is **240.0590, -7.6560, -4.4240**.

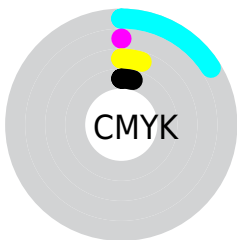
Distribution



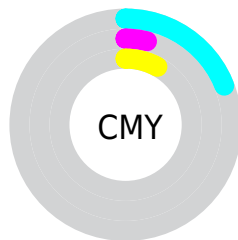
- Red (81%)
- Green (96%)
- Blue (92%)



- Red (81%)
- Yellow (90%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 232.0850, -19.7130, -11.6890 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 232.0850, -19.7130, -11.6890 by changing the saturation by 10% instead.

■ 232.0850,
-19.7130, -11.6890

■ 232.0850,
-19.7130, -11.6890

255.0000, -0.0000,
-0.0000

■ 204.0850,
-19.7130, -11.6890

■ 176.3840,
-19.1170, -11.4770

■ 149.7970,
-18.8420, -10.9540

■ 123.5090,
-17.9710, -10.2190

■ 98.5090, -17.9710,
-10.2190

■ 73.9220, -17.6960,
-9.6960

■ 50.9220, -17.6960,

-9.6960

■ 28.7370, -18.6130,
-9.5970

■ 13.4670, -8.9850,
-7.8730

■ 232.0850,
-19.7130, -11.6890

■ 232.0850,
-19.7130, -11.6890

■ 223.8120,
-32.3660, -19.1660

■ 240.0590, -7.6560,
-4.4240

■ 215.8380,
-44.4230, -26.4310

■ 248.3320, 4.9970,
3.0530

■ 207.5650,
-57.0760, -33.9080

■ 249.1300, 2.7500,
5.2300

■ 199.5910,
-69.1330, -41.1730

■ 191.3180,
-81.7860, -48.6500

■ 183.3440,
-93.8430, -55.9150

■ 175.0710,
-106.4960, -63.3920

■ 167.2110,
-118.8740, -70.3460

■ 163.8790,
-123.8710, -73.3990

Harmonies

Analogous

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



233.2020, -6.9210, -12.2410



232.0850, -19.7130, -11.6890



232.1860, -27.1870, -8.3950

Triad

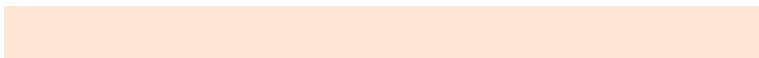
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



232.0850, -19.7130, -11.6890



237.2910, -4.9530, 7.1670



236.2380, 19.7610, -0.1990

Complementary

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



232.0850, -19.7130, -11.6890



218.9150, 19.7130, 11.6890

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.



235.7310, 17.0550, 4.7910



232.0850, -19.7130, -11.6890



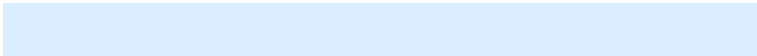
239.4990, 6.3250, 12.0290

Square

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



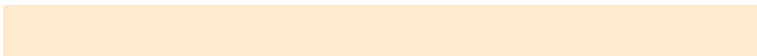
232.0850, -19.7130, -11.6890



234.2570, -16.7810, 1.2590



236.7400, 12.8360, 9.6680



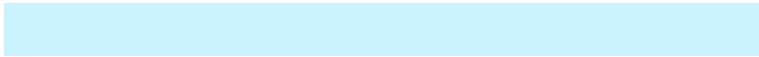
236.8200, 17.8820, -4.6940

Rectangle

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



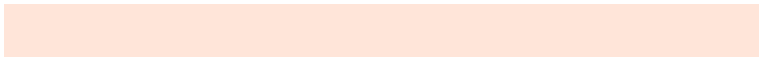
232.0850, -19.7130, -11.6890



232.4080, -27.6920, -4.7480



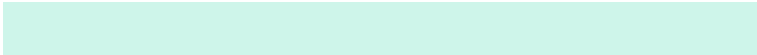
236.7400, 12.8360, 9.6680



235.4060, 19.3480, 1.7800

Sweetspot

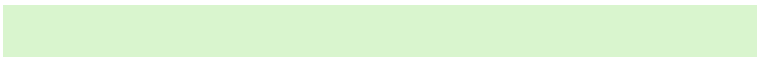
The Sweet Spot groups the original color and five complimentary colors.



232.0850, -19.7130, -11.6890



250.6570, -6.4640, -4.0000



232.1820, -4.1690, -18.0650



125.2660, -3.8050, -2.6290



0.0000, 0.0000, 0.0000



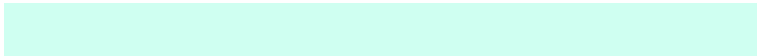
128.0000, -0.0000, -0.0000

Same Dimension

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



232.0850, -19.7130, -11.6890



239.0520, -24.1140, -14.5300



228.6430, -21.0440, -4.0840



118.0700, -6.1890, -3.4770



124.4580, -94.1640, -55.6040



39.4210, -29.7070, -17.7950

Inverse Universe

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



218.9150, 19.7130, 11.6890



222.8340, 24.4350, 14.2190



222.3570, 21.0440, 4.0840



114.0440, 5.8680, 3.7880



61.6560, 93.8430, 55.9150



19.5790, 29.7070, 17.7950

Previews

White Background



This preview shows how the YIQ color 232.0850, -19.7130, -11.6890 looks on a white background.

Color Contrast Check

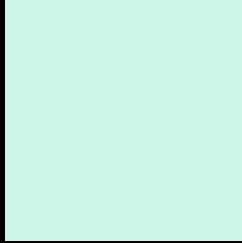
Large Text (above 18pt) WCAG AA × Fail

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 232.0850, -19.7130, -11.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

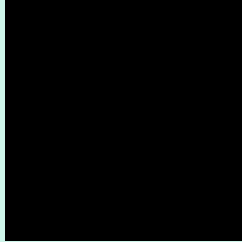
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

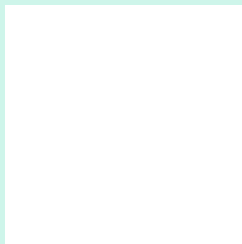
Any Text WCAG AAA ✓ Pass

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

YIQ 232.0850, -19.7130, -11.6890 Background



This preview shows how black text looks on a background with the YIQ color 232.0850, -19.7130, -11.6890.



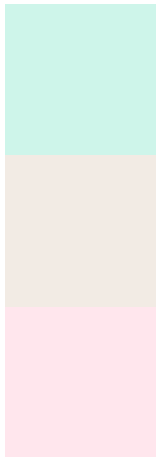
This preview shows how white text looks on a background with the YIQ color 232.0850, -19.7130, -11.6890.

-11.6890.

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

232.0850, -19.7130, -11.6890

Protanopia

236.2950, 6.4190, -0.6930

Deuteranopia

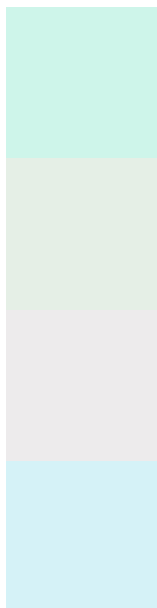
238.2730, 12.6530, 7.4770



Tritanopia

234.8330, -18.5230, -0.2110

Trichromacy



Original Color

232.0850, -19.7130, -11.6890

Protanomaly

234.9840, -3.0710, -4.9190

Deuteranomaly

235.7120, 0.8710, 0.7350

Tritanomaly

233.8990, -18.8890, -4.5930

Monochromacy



Original Color

232.0850, -19.7130, -11.6890

Achromatopsia

232.0000, -0.0000, 0.0000

Achromatomaly

232.3580, -7.0600, -4.2120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 232.0850, -19.7130, -11.6890 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(206, 245, 234)` looks like.

```
.text, #text, p{  
    color:rgb(206, 245, 234)  
}
```

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(206, 245, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 245, 234) }
```

Border

The CSS property to change the border of an element to YIQ 232.0850, -19.7130, -11.6890 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(206, 245, 234) }
```


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

```
.border{ border-color:rgb(206, 245, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 245, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 245, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 245, 234);  
box-shadow:4px 4px 4px 4px rgb(206, 245,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 232.0850, -19.7130, -11.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 245, 234) }
```

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

```
.background{ background-color: rgb(206,  
245, 234) }
```

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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