

Converting Colors

YIQ(230.6460, -17.0990,
-15.0110)

Have a look what the booklet for
YIQ(230.6460, -17.0990, -15.0110)
contains.

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Color

**YIQ(230.6460, -17.0990,
-15.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF5E0
RGB	205, 245, 224
RGB Percent	80%, 96%, 88%
CMY	0.1962, 0.0391, 0.1216
CMYK	0.16, 0.00, 0.09, 0.04
HSL	148°, 67%, 88%
HSV	148°, 16%, 96%
XYZ	71.2795, 83.6713, 82.9050
YIQ	230.6460, -17.0990, -15.0110

Conversions

Conversions Part 2

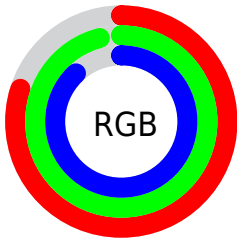
Format	Color
R_{YB}	205, 232, 245
Decimal	13497824
CIE _{Lab}	93.31, -16.89, 5.83
CIE _{LCh}	93, 17.864, 160.945
Yxy	83.6713, 0.2997, 0.3518
Android (android.graphics.Color)	4291687904 (0xFFCDF5E0)
YUV	230.6460, -3.2765, -22.4915
Hunter-Lab	91.4720, -20.9801, 10.2933

Details

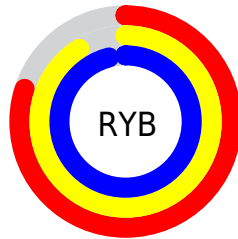
The YIQ color **230.6460, -17.0990, -15.0110** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **219.3540, 17.0990, 15.0110**, and the grayscale version is **231.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **175.0590, -16.8240, -14.4880** is the 20% darker color. If you saturate the color by 10%, you get **221.6890, -27.8260, -24.3540**, and if you desaturate by 10%, it is **239.3040, -6.9680, -5.8800**.

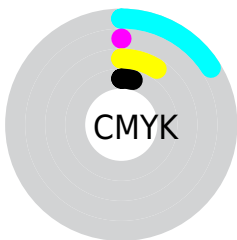
Distribution



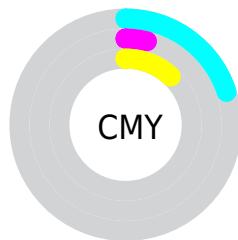
- Red (80%)
- Green (96%)
- Blue (88%)



- Red (80%)
- Yellow (91%)
- Blue (96%)



- Cyan (16%)
- Magenta (0%)
- Yellow (9%)
- Black (4%)



- Cyan (20%)
- Magenta (4%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.6460, -17.0990, -15.0110 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 230.6460, -17.0990, -15.0110 by changing the saturation by 10% instead.

■ 230.6460,
-17.0990, -15.0110

■ 230.6460,
-17.0990, -15.0110

255.0000, -0.0000,
-0.0000

■ 202.6460,
-17.0990, -15.0110

■ 175.0590,
-16.8240, -14.4880

■ 148.3580,
-16.2280, -14.2760

■ 122.1840,
-15.6780, -13.2300

■ 97.1840, -15.6780,
-13.2300

■ 73.0100, -15.1280,
-12.1840

■ 50.0100, -15.1280,

-12.1840

■ 27.9390, -16.3660,
-11.7740

■ 11.7400, -5.5000,
-10.4600

■ 230.6460,
-17.0990, -15.0110

■ 230.6460,
-17.0990, -15.0110

■ 221.6890,
-27.8260, -24.3540

■ 239.3040, -6.9680,
-5.8800

■ 213.0310,
-37.9570, -33.4850

■ 248.2610, 3.7590,
3.4630

■ 204.0740,
-48.6840, -42.8280

■ 249.1300, 2.7500,
5.2300

■ 195.5300,
-59.1360, -51.6480

■ 186.5730,
-69.8630, -60.9910

■ 177.9150,
-79.9940, -70.1220

■ 168.9580,
-90.7210, -79.4650

■ 160.3000,
-100.8520, -88.5960

■ 157.0390,
-104.6110, -92.0590

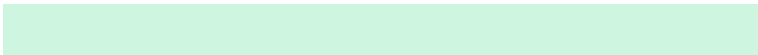
Harmonies

Analogous

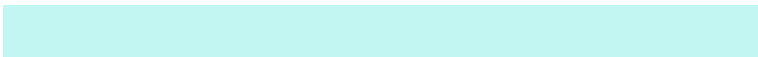
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.5570, -0.7310, -14.2910



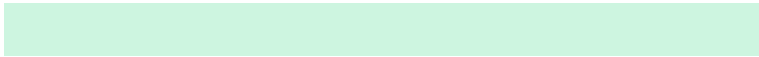
230.6460, -17.0990, -15.0110



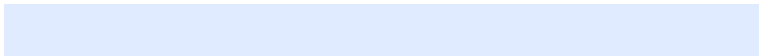
229.6970, -30.3040, -12.4800

Triad

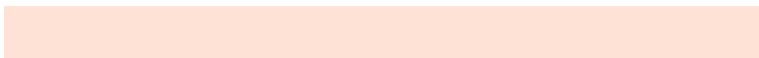
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.6460, -17.0990, -15.0110



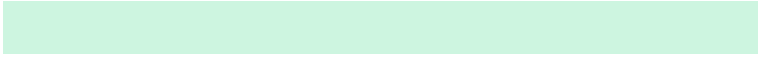
234.2900, -12.3800, 4.1000



233.3030, 21.1360, 2.4160

Complementary

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



230.6460, -17.0990, -15.0110



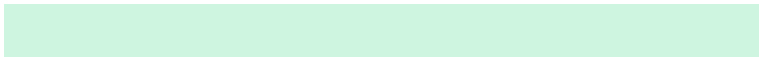
219.3540, 17.0990, 15.0110

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.



233.9530, 16.5500, 8.4380



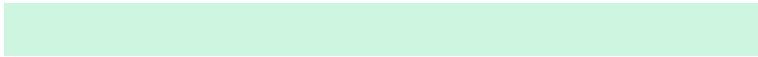
230.6460, -17.0990, -15.0110



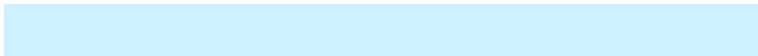
237.3460, 2.3820, 11.9020

Square

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



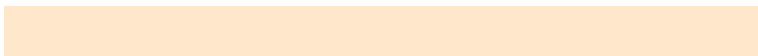
230.6460, -17.0990, -15.0110



231.8320, -25.9500, -3.2780



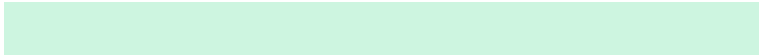
236.4780, 10.8180, 13.2020



235.0980, 22.9710, -3.3090

Rectangle

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



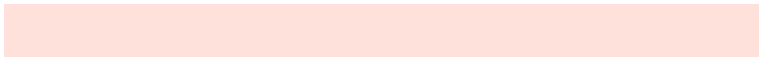
230.6460, -17.0990, -15.0110



229.7660, -34.7520, -8.9600



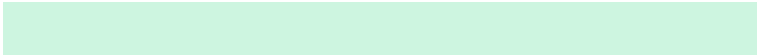
236.4780, 10.8180, 13.2020



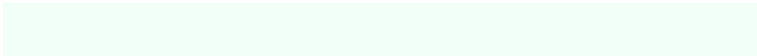
233.2860, 19.8060, 4.4940

Sweetspot

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



230.6460, -17.0990, -15.0110



250.3150, -5.5010, -4.9330



234.7590, 1.5160, -16.4680



125.0380, -3.1630, -3.2510



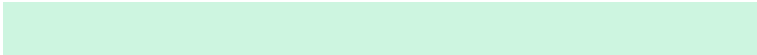
0.0000, 0.0000, 0.0000



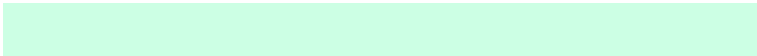
128.0000, -0.0000, -0.0000

Same Dimension

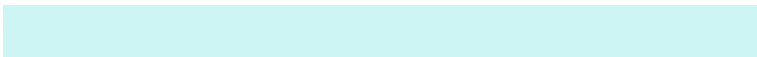
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.6460, -17.0990, -15.0110



236.6730, -21.7290, -19.2090



232.9260, -23.5190, -8.7910



117.7280, -5.2260, -4.4100



119.2140, -79.3980, -69.9100



37.8250, -25.2130, -22.1490

Inverse Universe

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



219.3540, 17.0990, 15.0110



222.3270, 21.7290, 19.2090



217.0740, 23.5190, 8.7910



114.3860, 4.9050, 4.7210



66.7860, 79.3980, 69.9100



21.1750, 25.2130, 22.1490

Previews

White Background



This preview shows how the YIQ color 230.6460, -17.0990, -15.0110 looks on a white background.

Color Contrast Check

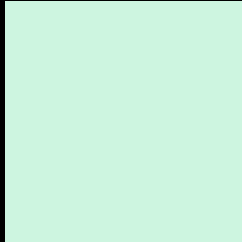
Large Text (above 18pt) WCAG AA × Fail

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 230.6460, -17.0990, -15.0110 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

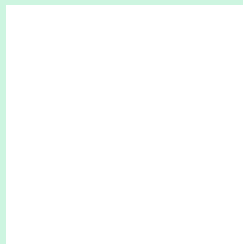
Any Text WCAG AAA ✓ Pass

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

YIQ 230.6460, -17.0990, -15.0110 Background



This preview shows how black text looks on a background with the YIQ color 230.6460, -17.0990, -15.0110.



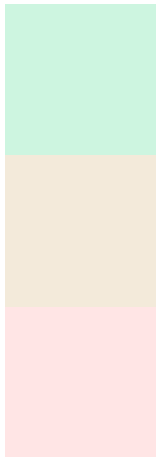
This preview shows how white text looks on a background with the YIQ color 230.6460, -17.0990, -15.0110.

-15.0110.

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

230.6460, -17.0990, -15.0110

Protanopia

234.8670, 10.5000, -3.0680

Deuteranopia

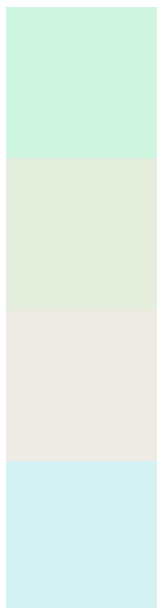
236.7740, 15.4960, 5.5120



Tritanopia

233.9470, -18.8440, 0.1000

Trichromacy



Original Color

230.6460, -17.0990, -15.0110

Protanomaly

233.2570, 0.4140, -7.5060

Deuteranomaly

234.6860, 3.7600, -2.0640

Tritanomaly

232.6710, -18.2470, -5.2150

Monochromacy



Original Color

230.6460, -17.0990, -15.0110

Achromatopsia

231.0000, -0.0000, -0.0000

Achromatomaly

230.9020, -5.7760, -5.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.6460, -17.0990, -15.0110 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, 245, 224)` looks like.

```
.text, #text, p{  
    color:rgb(205, 245, 224)  
}
```

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, 245, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 245, 224) }
```

Border

The CSS property to change the border of an element to YIQ 230.6460, -17.0990, -15.0110 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, 245, 224) }
```


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

```
.border{ border-color:rgb(205, 245, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 245, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 245, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 245, 224);  
box-shadow:4px 4px 4px 4px rgb(205, 245,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 230.6460, -17.0990, -15.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 245, 224) }
```

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

```
.background{ background-color: rgb(205,  
245, 224) }
```

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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