

Converting Colors

YIQ(230.0590, -16.8240,
-14.4880)

Have a look what the booklet for
YIQ(230.0590, -16.8240, -14.4880)
contains.

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Color

**YIQ(230.0590, -16.8240,
-14.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	CDF4E0
RGB	205, 244, 224
RGB Percent	80%, 96%, 88%
CMY	0.1962, 0.0431, 0.1216
CMYK	0.16, 0.00, 0.08, 0.04
HSL	149°, 64%, 88%
HSV	149°, 16%, 96%
XYZ	70.9778, 83.0676, 82.8044
YIQ	230.0590, -16.8240, -14.4880

Conversions

Conversions Part 2

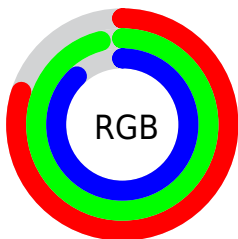
Format	Color
R _{YB}	205, 231, 244
Decimal	13497568
CIE Lab	93.04, -16.39, 5.45
CIE LCh	93, 17.274, 161.603
Yxy	83.0676, 0.2997, 0.3507
Android (android.graphics.Color)	4291687648 (0xFFCDF4E0)
YUV	230.0590, -2.9871, -21.9767
Hunter-Lab	91.1414, -20.4879, 9.9325

Details

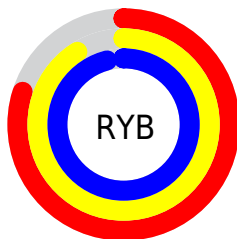
The YIQ color **230.0590, -16.8240, -14.4880** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **218.9410, 16.8240, 14.4880**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **174.4720, -16.5490, -13.9650** is the 20% darker color. If you saturate the color by 10%, you get **221.4010, -26.9550, -23.6190**, and if you desaturate by 10%, it is **238.7170, -6.6930, -5.3570**.

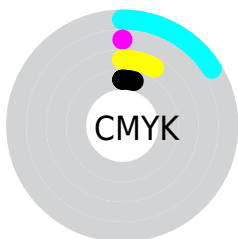
Distribution



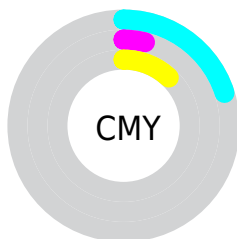
- Red (80%)
- Green (96%)
- Blue (88%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (8%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.0590, -16.8240, -14.4880 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 230.0590, -16.8240, -14.4880 by changing the saturation by 10% instead.

■ 230.0590,
-16.8240, -14.4880

■ 230.0590,
-16.8240, -14.4880

255.0000, -0.0000,
-0.0000

■ 202.0590,
-16.8240, -14.4880

■ 174.4720,
-16.5490, -13.9650

■ 147.7710,
-15.9530, -13.7530

■ 121.5970,
-15.4030, -12.7070

■ 96.5970, -15.4030,
-12.7070

■ 73.0100, -15.1280,
-12.1840

■ 49.4230, -14.8530,

-11.6610

■ 27.3520, -16.0910,
-11.2510

■ 11.1530, -5.2250,
-9.9370

■ 230.0590,
-16.8240, -14.4880

■ 230.0590,
-16.8240, -14.4880

■ 221.4010,
-26.9550, -23.6190

■ 238.7170, -6.6930,
-5.3570

■ 212.5580,
-38.0030, -32.6510

■ 247.5600, 4.3550,
3.6750

■ 203.9000,
-48.1340, -41.7820

■ 248.5430, 3.0250,
5.7530

■ 195.0570,
-59.1820, -50.8140

■ 186.3990,
-69.3130, -59.9450

■ 177.8550,
-79.7650, -68.7650

■ 168.8980,
-90.4920, -78.1080

■ 160.3540,
-100.9440, -86.9280

■ 156.7940,
-105.2990, -90.6030

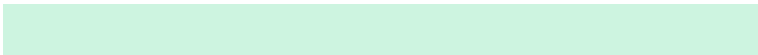
Harmonies

Analogous

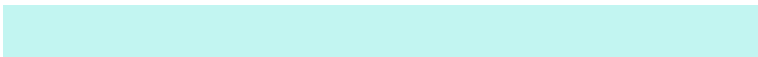
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.0840, -0.7770, -13.4570



230.0590, -16.8240, -14.4880



229.2950, -29.1120, -12.0560

Triad

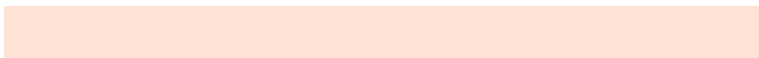
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.0590, -16.8240, -14.4880



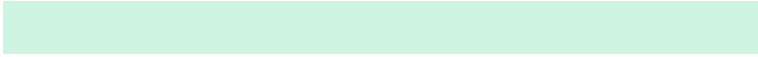
233.7030, -12.1050, 4.6230



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.



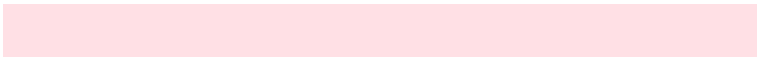
230.0590, -16.8240, -14.4880



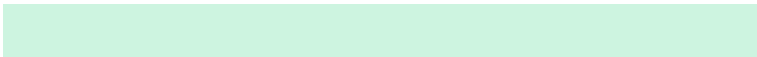
218.9410, 16.8240, 14.4880

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.



233.8390, 16.8710, 8.1270



230.0590, -16.8240, -14.4880



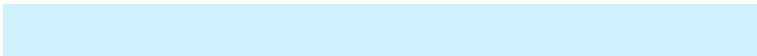
237.0470, 1.7860, 11.6900

Square

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



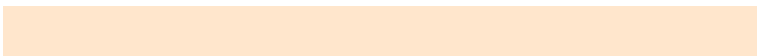
230.0590, -16.8240, -14.4880



231.5440, -25.0790, -2.5430



236.3640, 11.1390, 12.8910



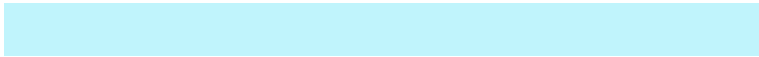
234.5110, 23.2460, -2.7860

Rectangle

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



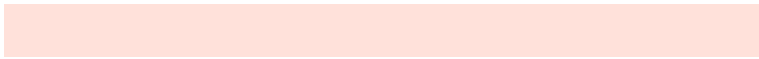
230.0590, -16.8240, -14.4880



229.3640, -33.5600, -8.5360



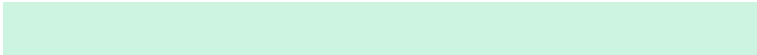
236.3640, 11.1390, 12.8910



233.1720, 20.1270, 4.1830

Sweetspot

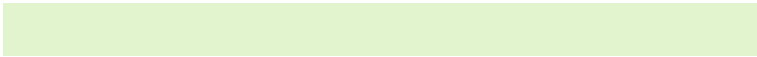
The Sweet Spot groups the original color and five complimentary colors.



230.0590, -16.8240, -14.4880



250.3150, -5.5010, -4.9330



233.8730, 1.1950, -16.1570



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



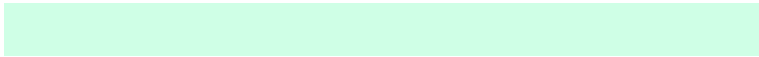
128.0000, -0.0000, -0.0000

Same Dimension

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



230.0590, -16.8240, -14.4880



237.7980, -20.5830, -17.9510



232.2250, -22.9230, -8.5790



117.7280, -5.2260, -4.4100



119.5560, -80.3610, -68.9770



37.9390, -25.5340, -21.8380

Inverse Universe

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



218.9410, 16.8240, 14.4880



224.0880, 20.9040, 17.6400



216.7750, 22.9230, 8.5790



114.2720, 5.2260, 4.4100



66.5580, 80.0400, 69.2880



21.0610, 25.5340, 21.8380

Previews

White Background



This preview shows how the YIQ color 230.0590, -16.8240, -14.4880 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 230.0590, -16.8240, -14.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

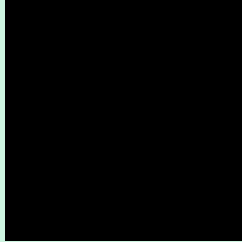
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

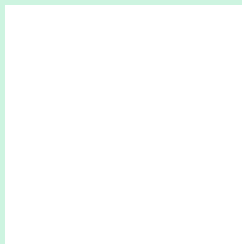
Any Text WCAG AAA ✓ Pass

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

YIQ 230.0590, -16.8240, -14.4880 Background



This preview shows how black text looks on a background with the YIQ color 230.0590, -16.8240, -14.4880.



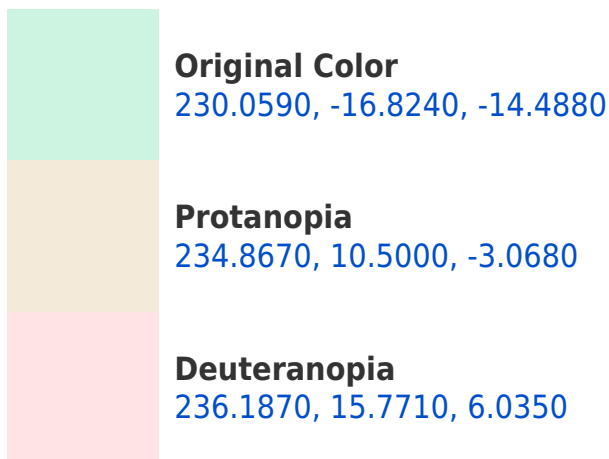
This preview shows how white text looks on a background with the YIQ color 230.0590, -16.8240, -14.4880.

-14.4880.

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

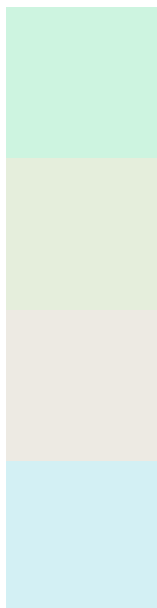




Tritanopia

232.7620, -19.7610, 0.1990

Trichromacy



Original Color

230.0590, -16.8240, -14.4880

Protanomaly

233.2570, 0.4140, -7.5060

Deuteranomaly

234.0990, 4.0350, -1.5410

Tritanomaly

231.7850, -18.5680, -4.9040

Monochromacy



Original Color

230.0590, -16.8240, -14.4880

Achromatopsia

230.0000, -0.0000, 0.0000

Achromatomaly

230.0160, -6.0970, -5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.0590, -16.8240, -14.4880 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, 244, 224)` looks like.

```
.text, #text, p{  
    color:rgb(205, 244, 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, 244, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 244, 224) }
```

Border

The CSS property to change the border of an element to YIQ 230.0590, -16.8240, -14.4880 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, 244, 224) }
```


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

```
.border{ border-color:rgb(205, 244, 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, 244, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 244, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 244, 224);  
box-shadow:4px 4px 4px 4px rgb(205, 244,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 230.0590, -16.8240, -14.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 244, 224) }
```

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

```
.background{ background-color: rgb(205,  
244, 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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