

Converting Colors

YIQ(230.5440, -34.2470,
-12.6070)

Have a look what the booklet for
YIQ(230.5440, -34.2470, -12.6070)
contains.

YIQ(230.5440, -34.2470, -12.6070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(230.5440, -34.2470,
-12.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	BEF8F7
RGB	190, 248, 247
RGB Percent	75%, 97%, 97%
CMY	0.2550, 0.0273, 0.0315
CMYK	0.23, 0.00, 0.00, 0.03
HSL	179°, 81%, 86%
HSV	179°, 23%, 97%
XYZ	71.5845, 84.8057, 100.5640
YIQ	230.5440, -34.2470, -12.6070

Conversions

Conversions Part 2

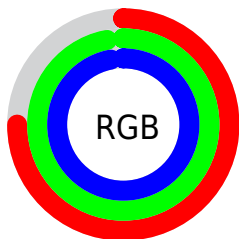
Format	Color
R_{YB}	190, 219, 248
Decimal	12515575
CIE Lab	93.80, -18.36, -5.46
CIE LCh	94, 19.153, 196.569
Yxy	84.8057, 0.2786, 0.3300
Android (android.graphics.Color)	4290705655 (0xFFBEF8F7)
YUV	230.5440, 8.1128, -35.5571
Hunter-Lab	92.0900, -22.4038, -0.2828

Details

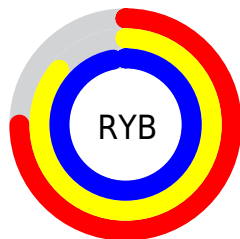
The YIQ color **230.5440, -34.2470, -12.6070** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **207.4560, 34.2470, 12.6070**, and the grayscale version is **230.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, -4.7680, -1.6960**, and **174.8430, -33.6510, -12.3950** is the 20% darker color. If you saturate the color by 10%, you get **223.0690, -49.1470, -17.9070**, and if you desaturate by 10%, it is **238.0190, -19.3470, -7.3070**.

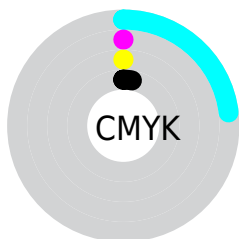
Distribution



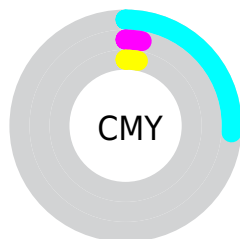
- Red (75%)
- Green (97%)
- Blue (97%)



- Red (75%)
- Yellow (86%)
- Blue (97%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (3%)



- Cyan (26%)
- Magenta (3%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.5440, -34.2470, -12.6070 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 230.5440, -34.2470, -12.6070 by changing the saturation by 10% instead.

230.5440,
-34.2470, -12.6070

230.5440,
-34.2470, -12.6070

255.0000, -0.0000,
-0.0000

201.8430,
-33.6510, -12.3950

252.6080, -4.7680,
-1.6960

174.8430,
-33.6510, -12.3950

147.5550,
-32.7800, -11.6600

121.4410,
-32.4590, -11.9710

95.5550, -32.7800,
-11.6600

70.6580, -34.5680,
-12.2960

44.8640, -38.1440,

-13.5680

■ 29.4420, -25.0320,
-8.9040

■ 15.4220, -13.1120,
-4.6640

■ 230.5440,
-34.2470, -12.6070

■ 230.5440,
-34.2470, -12.6070

■ 223.0690,
-49.1470, -17.9070

■ 238.0190,
-19.3470, -7.3070

■ 215.4800,
-63.7260, -23.5180

■ 245.6080, -4.7680,
-1.6960

■ 208.3040,
-78.0300, -28.6060

■ 250.0930, 4.1720,
1.4840

■ 200.7150,
-92.6090, -34.2170

■ 250.2070, 3.8510,
1.7950

■ 193.2400,
-107.5090, -39.5170

■ 250.3210, 3.5300,
2.1060

■ 185.6510,
-122.0880, -45.1280

■ 250.4350, 3.2090,
2.4170

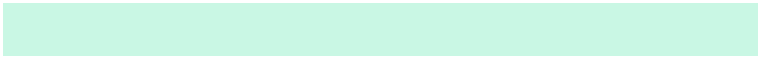
■ 178.1760,
-136.9880, -50.4280

■ 173.2780,
-146.2030, -54.1310

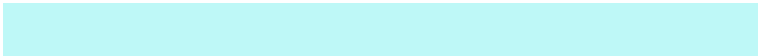
Harmonies

Analogous

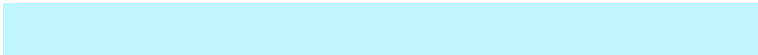
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.0800, -21.3170, -15.6610



230.5440, -34.2470, -12.6070



230.8800, -35.0730, -8.6490

Triad

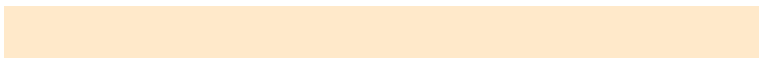
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.5440, -34.2470, -12.6070



239.1400, 5.9580, 13.1740



236.0440, 23.0630, -4.9770

Complementary

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



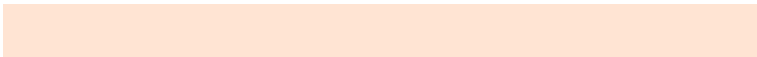
230.5440, -34.2470, -12.6070



207.4560, 34.2470, 12.6070

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.



234.1350, 21.5490, 0.4370



230.5440, -34.2470, -12.6070



236.3640, 11.1390, 12.8910

Square

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



230.5440, -34.2470, -12.6070



235.7850, -9.4000, 5.1600



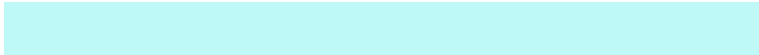
234.1980, 17.2380, 6.9820



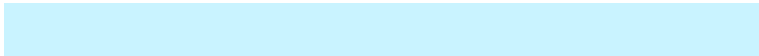
235.3800, 13.0690, -11.0830

Rectangle

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



230.5440, -34.2470, -12.6070



231.8100, -28.8840, -5.1720



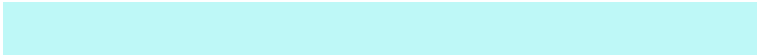
234.1980, 17.2380, 6.9820



235.0980, 22.9710, -3.3090

Sweetspot

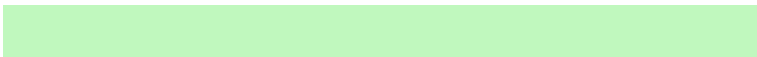
The Sweet Spot groups the original color and five complimentary colors.



230.5440, -34.2470, -12.6070



249.6180, -10.7280, -3.8160



224.6440, -14.7580, -29.9100



124.5970, -6.2350, -2.6430



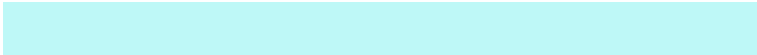
0.0000, 0.0000, 0.0000



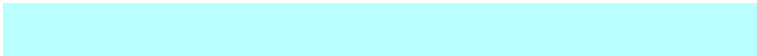
128.0000, -0.0000, -0.0000

Same Dimension

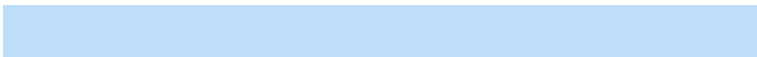
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.5440, -34.2470, -12.6070



233.6570, -41.9950, -15.3630



214.8090, -27.1430, 1.8250



121.1130, -7.7480, -2.7560



132.0330, -111.3600, -41.3120



42.6470, -36.0350, -13.2430

Inverse Universe

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



207.4560, 34.2470, 12.6070



205.3430, 41.9950, 15.3630



223.1910, 27.1430, -1.8250



116.0010, 7.4270, 3.0670



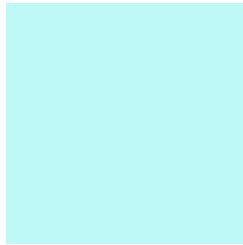
56.8530, 111.6810, 41.0010



18.3530, 36.0350, 13.2430

Previews

White Background



This preview shows how the YIQ color 230.5440, -34.2470, -12.6070 looks on a white background.

Color Contrast Check

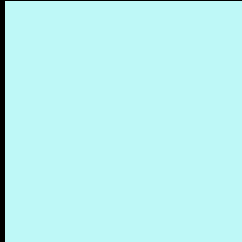
Large Text (above 18pt) WCAG AA × Fail

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 230.5440, -34.2470, -12.6070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

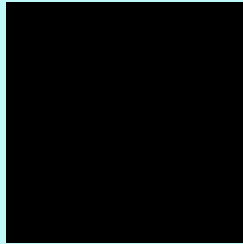
Any Text WCAG AA ✓ Pass

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 230.5440, -34.2470, -12.6070 Background



This preview shows how black text looks on a background with the YIQ color 230.5440, -34.2470, -12.6070.



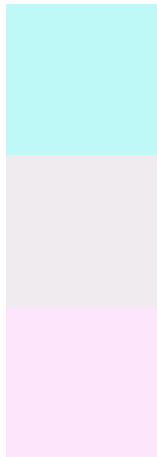
This preview shows how white text looks on a background with the YIQ color 230.5440, -34.2470, -12.6070.

-12.6070.

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

230.5440, -34.2470, -12.6070

Protanopia

236.9510, 1.6960, 2.3040

Deuteranopia

239.2710, 6.9670, 11.4070



Tritanopia

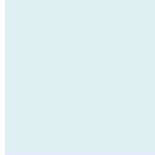
234.2130, -22.6490, -2.5290

Trichromacy



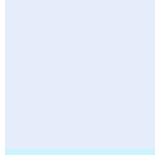
Original Color

230.5440, -34.2470, -12.6070



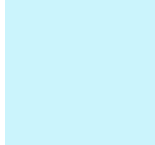
Protanomaly

234.8460, -11.3700, -3.1940



Deuteranomaly

236.3890, -8.3450, 2.5590



Tritanomaly

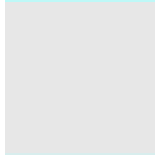
232.6530, -27.0040, -6.2040

Monochromacy



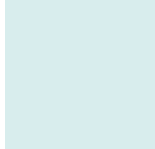
Original Color

230.5440, -34.2470, -12.6070



Achromatopsia

231.0000, -0.0000, -0.0000



Achromatomaly

230.7210, -12.5160, -4.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.5440, -34.2470, -12.6070 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(190, 248, 247)` looks like.

```
.text, #text, p{  
    color:rgb(190, 248, 247)  
}
```

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(190, 248, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 248, 247) }
```

Border

The CSS property to change the border of an element to YIQ 230.5440, -34.2470, -12.6070 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(190, 248, 247) }
```


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

```
.border{ border-color:rgb(190, 248, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 248, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 248, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 248, 247);  
box-shadow:4px 4px 4px 4px rgb(190, 248,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 230.5440, -34.2470, -12.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 248, 247) }
```

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

```
.background{ background-color: rgb(190,  
248, 247) }
```

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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