

Converting Colors

YIQ(212.3860, -13.4310,
-15.4070)

Have a look what the booklet for
YIQ(212.3860, -13.4310, -15.4070)
contains.

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Color

**YIQ(212.3860, -13.4310,
-15.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE2C9
RGB	190, 226, 201
RGB Percent	75%, 89%, 79%
CMY	0.2550, 0.1136, 0.2118
CMYK	0.16, 0.00, 0.11, 0.11
HSL	138°, 38%, 82%
HSV	138°, 16%, 89%
XYZ	58.9708, 69.5614, 65.5716
YIQ	212.3860, -13.4310, -15.4070

Conversions

Conversions Part 2

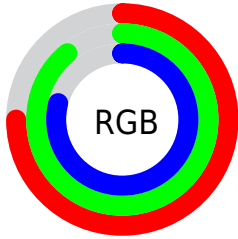
Format	Color
RYB	190, 218, 226
Decimal	12509897
CIELab	86.78, -16.57, 8.31
CIELCh	87, 18.540, 153.355
Yxy	69.5614, 0.3038, 0.3584
Android (android.graphics.Color)	4290699977 (0xFFBEE2C9)
YUV	212.3860, -5.6133, -19.6325
Hunter-Lab	83.4035, -19.7468, 11.7688

Details

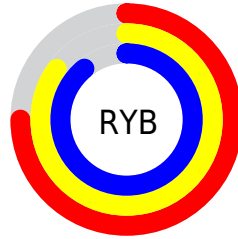
The YIQ color $212.3860, -13.4310, -15.4070$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $203.6140, 13.4310, 15.4070$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.6080, -4.7680, -1.6960$, and $157.7990, -13.1560, -14.8840$ is the 20% darker color. If you saturate the color by 10%, you get $203.6850, -22.0030, -25.2590$, and if you desaturate by 10%, it is $221.0870, -4.8590, -5.5550$.

Distribution



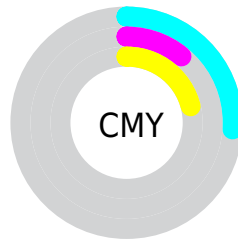
- Red (75%)
- Green (89%)
- Blue (79%)



- Red (75%)
- Yellow (85%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)



- Cyan (26%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.3860, -13.4310, -15.4070 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 212.3860, -13.4310, -15.4070 by changing the saturation by 10% instead.

■ 212.3860,
-13.4310, -15.4070

■ 212.3860,
-13.4310, -15.4070

255.0000, -0.0000,
-0.0000

■ 184.7990,
-13.1560, -14.8840

■ 252.6080, -4.7680,
-1.6960

■ 157.7990,
-13.1560, -14.8840

■ 131.5110,
-12.2850, -14.1490

■ 105.9240,
-12.0100, -13.6260

■ 82.0380, -12.3310,
-13.3150

■ 58.4510, -12.0560,
-12.7920

■ 35.9780, -12.1020,

-11.9580

■ 16.3050, -8.7090,
-12.8770

■ 0.0000, 0.0000,
0.0000

■ 212.3860,
-13.4310, -15.4070

■ 212.3860,
-13.4310, -15.4070

■ 203.6850,
-22.0030, -25.2590

■ 221.0870, -4.8590,
-5.5550

■ 195.3970,
-30.3000, -34.5880

■ 229.3750, 3.4380,
3.7740

■ 186.6960,
-38.8720, -44.4400

■ 237.1790, 10.2220,
12.9900

■ 178.2940,
-46.8480, -54.0800

■ 237.9770, 7.9750,
15.1670

■ 169.7070,
-55.7410, -63.6210

■ 161.0060,
-64.3130, -73.4730

■ 152.6040,
-72.2890, -83.1130

■ 143.9030,
-80.8610, -92.9650

■ 140.5280,
-84.2990, -96.7390

Harmonies

Analogous

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



214.5360, 3.7620, -13.1180



212.3860, -13.4310, -15.4070



211.1270, -28.6990, -14.0350

Triad

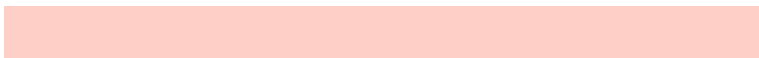
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



212.3860, -13.4310, -15.4070



216.4940, -21.6420, 6.7580



220.1410, 30.5800, 7.4760

Complementary

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



212.3860, -13.4310, -15.4070



203.6140, 13.4310, 15.4070

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.



220.6060, 25.0770, 13.5970



212.3860, -13.4310, -15.4070



219.2790, -4.6790, 13.2170

Square

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



212.3860, -13.4310, -15.4070



213.2920, -33.0570, -1.1290



220.4290, 12.5140, 15.5060



218.3160, 28.2890, -0.5670

Rectangle

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



212.3860, -13.4310, -15.4070



210.7120, -34.6600, -10.6280



220.4290, 12.5140, 15.5060



220.4230, 29.8460, 9.7660

Sweetspot

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



212.3860, -13.4310, -15.4070



250.0870, -4.8590, -5.5550



218.6070, 5.0000, -13.5280



124.9240, -2.8420, -3.5620



0.0000, 0.0000, 0.0000



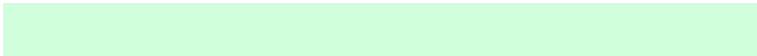
128.0000, -0.0000, -0.0000

Same Dimension

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



212.3860, -13.4310, -15.4070



236.7720, -17.6940, -20.7500



214.4380, -19.2090, -9.8090



107.7990, -3.9880, -4.8200



109.4680, -65.7340, -75.2540



29.8860, -18.0150, -20.4390

Inverse Universe

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



203.6140, 13.4310, 15.4070



225.1140, 18.0150, 20.4390



201.5620, 19.2090, 9.8090



105.2010, 3.9880, 4.8200



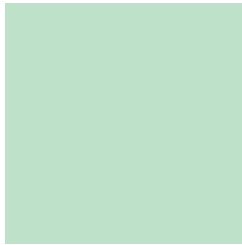
66.5320, 65.7340, 75.2540



18.2280, 17.6940, 20.7500

Previews

White Background



This preview shows how the YIQ color 212.3860, -13.4310, -15.4070 looks on a white background.

Color Contrast Check

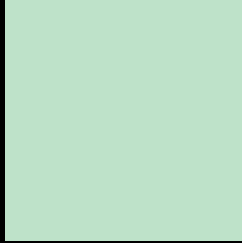
Large Text (above 18pt) WCAG AA × Fail

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 212.3860, -13.4310, -15.4070 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

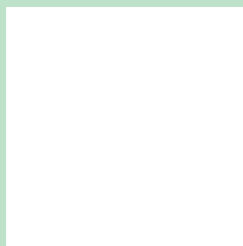
Any Text WCAG AAA ✓ Pass

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

YIQ 212.3860, -13.4310, -15.4070 Background



This preview shows how black text looks on a background with the YIQ color 212.3860, -13.4310, -15.4070.



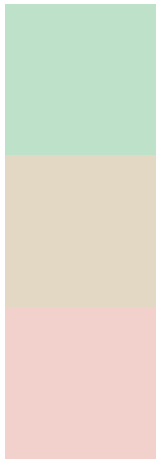
This preview shows how white text looks on a background with the YIQ color 212.3860, -13.4310, -15.4070.

-15.4070.

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**

212.3860, -13.4310, -15.4070

Protanopia

216.7100, 12.3800, -4.1000

Deuteranopia

218.2970, 21.2730, 5.4410



Tritanopia

215.4630, -20.3570, -0.0130

Trichromacy



Original Color

212.3860, -13.4310, -15.4070

Protanomaly

215.3990, 2.8900, -8.3260

Deuteranomaly

216.0240, 8.6200, -2.0360

Tritanomaly

214.5570, -17.9260, -5.5260

Monochromacy



Original Color

212.3860, -13.4310, -15.4070

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0870, -4.8590, -5.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.3860, -13.4310, -15.4070 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, 226, 201)` looks like.

```
.text, #text, p{  
    color:rgb(190, 226, 201)  
}
```

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, 226, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 226, 201) }
```

Border

The CSS property to change the border of an element to YIQ 212.3860, -13.4310, -15.4070 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, 226, 201) }
```


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

```
.border{ border-color:rgb(190, 226, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 226, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 226, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 226, 201);  
box-shadow:4px 4px 4px 4px rgb(190, 226,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 212.3860, -13.4310, -15.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 226, 201) }
```

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

```
.background{ background-color: rgb(190,  
226, 201) }
```

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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