

Converting Colors

YIQ(218.3000, -10.3130,
-16.8490)

Have a look what the booklet for
YIQ(218.3000, -10.3130, -16.8490)
contains.

YIQ(218.3000, -10.3130, -16.8490)	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(218.3000, -10.3130,
-16.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E8C9
RGB	198, 232, 201
RGB Percent	78%, 91%, 79%
CMY	0.2236, 0.0901, 0.2118
CMYK	0.15, 0.00, 0.13, 0.09
HSL	125°, 43%, 84%
HSV	125°, 15%, 91%
XYZ	62.6847, 73.9404, 66.2238
YIQ	218.3000, -10.3130, -16.8490

Conversions

Conversions Part 2

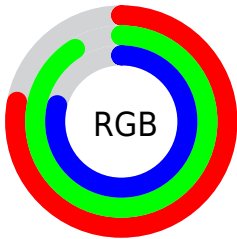
Format	Color
RYB	198, 229, 232
Decimal	13035721
CIELab	88.89, -16.91, 11.40
CIElCh	89, 20.392, 146.012
Yxy	73.9404, 0.3090, 0.3645
Android (android.graphics.Color)	4291225801 (0xFFC6E8C9)
YUV	218.3000, -8.5289, -17.8031
Hunter-Lab	85.9886, -20.3556, 14.5301

Details

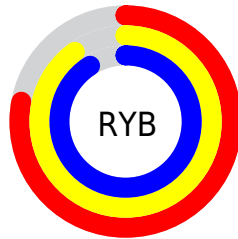
The YIQ color $218.3000, -10.3130, -16.8490$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $211.7000, 10.3130, 16.8490$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $163.1260, -9.7630, -15.8030$ is the 20% darker color. If you saturate the color by 10%, you get $209.0290, -17.2800, -28.2560$, and if you desaturate by 10%, it is $227.5710, -3.3460, -5.4420$.

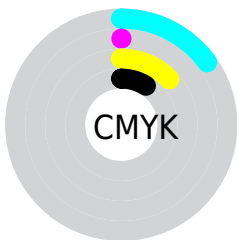
Distribution



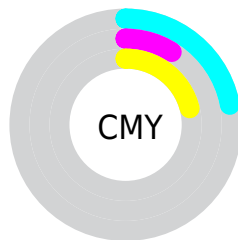
- Red (78%)
- Green (91%)
- Blue (79%)



- Red (78%)
- Yellow (90%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.3000, -10.3130, -16.8490 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 218.3000, -10.3130, -16.8490 by changing the saturation by 10% instead.

■ 218.3000,
-10.3130, -16.8490

■ 218.3000,
-10.3130, -16.8490

255.0000, -0.0000,
-0.0000

■ 190.7130,
-10.0380, -16.3260

■ 163.1260, -9.7630,
-15.8030

■ 137.1260, -9.7630,
-15.8030

■ 111.5390, -9.4880,
-15.2800

■ 87.0660, -9.5340,
-14.4460

■ 63.4790, -9.2590,
-13.9230

■ 41.0060, -9.3050,

-13.0890

■ 18.9520, -9.2130,
-14.7570

■ 0.0000, 0.0000,
0.0000

■ 218.3000,
-10.3130, -16.8490

■ 218.3000,
-10.3130, -16.8490

■ 209.0290,
-17.2800, -28.2560

■ 227.5710, -3.3460,
-5.4420

■ 199.7580,
-24.2470, -39.6630

■ 236.8420, 3.6210,
5.9650

■ 190.1880,
-31.8100, -51.2820

■ 241.4990, 6.3250,
12.0290

■ 180.8030,
-38.4560, -63.0000

■ 171.5320,
-45.4230, -74.4070

■ 162.2610,
-52.3900, -85.8140

■ 152.9900,
-59.3570, -97.2210

■ 143.4200,
-66.9200, -108.8400

■ 138.5780,
-70.5410, -114.8050

Harmonies

Analogous

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



220.4610, 8.3470, -13.6130



218.3000, -10.3130, -16.8490



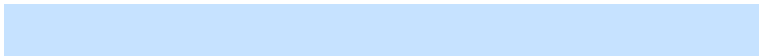
216.2580, -27.6900, -15.8020

Triad

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



218.3000, -10.3130, -16.8490



220.9340, -25.9970, 3.0830



223.7000, 27.5080, 8.0840

Complementary

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



218.3000, -10.3130, -16.8490



211.7000, 10.3130, 16.8490

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.



225.3930, 21.3630, 14.8270



218.3000, -10.3130, -16.8490



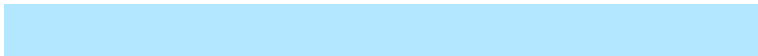
224.5990, -8.5760, 12.2560

Square

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



218.3000, -10.3130, -16.8490



218.1880, -38.6960, -3.5600



226.5150, 9.3960, 16.9480



224.3380, 31.2230, 1.3270

Rectangle

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



218.3000, -10.3130, -16.8490



216.2340, -36.3100, -13.7660



226.5150, 9.3960, 16.9480



223.7970, 25.8570, 10.4730

Sweetspot

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



218.3000, -10.3130, -16.8490



250.9840, -3.0710, -4.9190



227.2270, 9.1260, -11.2100



125.2230, -2.2460, -3.3500



0.0000, 0.0000, 0.0000



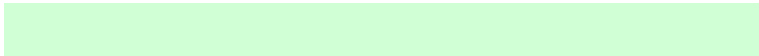
128.0000, -0.0000, -0.0000

Same Dimension

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



218.3000, -10.3130, -16.8490



236.4580, -13.9340, -22.8140



220.2380, -15.7700, -11.5620



110.1580, -3.6210, -5.9650



106.8970, -54.3610, -88.6410



30.5070, -15.6300, -25.1180

Inverse Universe

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



211.7000, 10.3130, 16.8490



227.5420, 13.9340, 22.8140



209.7620, 15.7700, 11.5620



107.8420, 3.6210, 5.9650



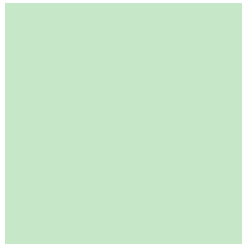
72.1030, 54.3610, 88.6410



20.4930, 15.6300, 25.1180

Previews

White Background



This preview shows how the YIQ color 218.3000, -10.3130, -16.8490 looks on a white background.

Color Contrast Check

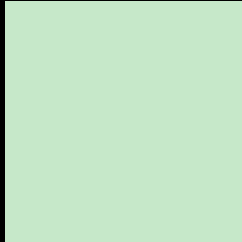
Large Text (above 18pt) WCAG AA × Fail

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 218.3000, -10.3130, -16.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

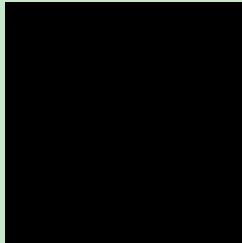
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

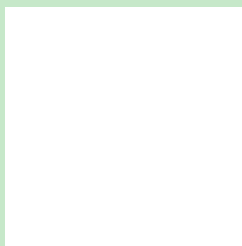
Any Text WCAG AAA ✓ Pass

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

YIQ 218.3000, -10.3130, -16.8490 Background



This preview shows how black text looks on a background with the YIQ color 218.3000, -10.3130, -16.8490.



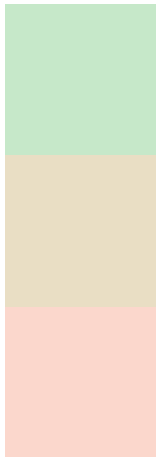
This preview shows how white text looks on a background with the YIQ color 218.3000, -10.3130, -16.8490.

-16.8490.

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

218.3000, -10.3130, -16.8490

Protanopia

222.3250, 14.9020, -5.7540

Deuteranopia

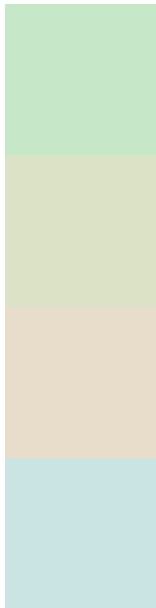
224.5100, 24.9870, 4.2110



Tritanopia

221.7730, -18.2940, 1.1460

Trichromacy



Original Color

218.3000, -10.3130, -16.8490

Protanomaly

221.0140, 5.4120, -9.9800

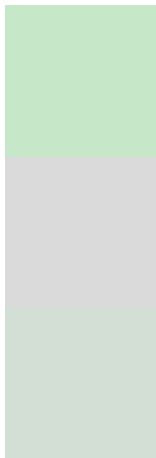
Deuteranomaly

222.2370, 12.3340, -3.2660

Tritanomaly

220.2260, -15.4960, -5.5120

Monochromacy



Original Color

218.3000, -10.3130, -16.8490

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.1580, -3.6210, -5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.3000, -10.3130, -16.8490 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(198, 232, 201)` looks like.

```
.text, #text, p{  
    color:rgb(198, 232, 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(198, 232, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 232, 201) }
```

Border

The CSS property to change the border of an element to YIQ 218.3000, -10.3130, -16.8490 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(198, 232, 201) }
```


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

```
.border{ border-color:rgb(198, 232, 201) }
```

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

Here you see how a box with a 4 pixel rgb(198, 232, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 232, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 232, 201);  
box-shadow:4px 4px 4px 4px rgb(198, 232,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 218.3000, -10.3130, -16.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 232, 201) }
```

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

```
.background{ background-color: rgb(198,  
232, 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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