

Converting Colors

YIQ(210.3660, -19.8470,
-31.2950)

Have a look what the booklet for
YIQ(210.3660, -19.8470, -31.2950)
contains.

YIQ(210.3660, -19.8470, -31.2950)	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(210.3660, -19.8470,
-31.2950)**

Conversions

Conversions Part 1

Format	Color
Hex	ACECB3
RGB	172, 236, 179
RGB Percent	67%, 93%, 70%
CMY	0.3257, 0.0744, 0.2981
CMYK	0.27, 0.00, 0.24, 0.07
HSL	127°, 63%, 80%
HSV	127°, 27%, 93%
XYZ	55.1417, 72.0259, 53.6393
YIQ	210.3660, -19.8470, -31.2950

Conversions

Conversions Part 2

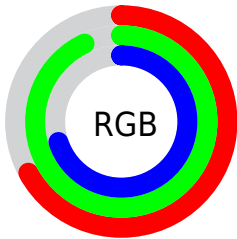
Format	Color
RYB	172, 230, 236
Decimal	11332787
CIELab	87.98, -31.18, 21.32
CIELCh	88, 37.773, 145.636
Yxy	72.0259, 0.3050, 0.3984
Android (android.graphics.Color)	4289522867 (0xFFACECB3)
YUV	210.3660, -15.4634, -33.6470
Hunter-Lab	84.8681, -32.5415, 21.9345

Details

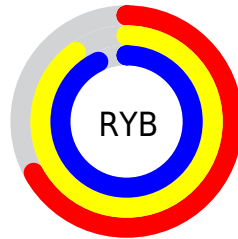
The YIQ color **210.3660, -19.8470, -31.2950** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **197.6340, 19.8470, 31.2950**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **244.9460, -9.0760, -11.7320**, and **155.3060, -19.6180, -29.9380** is the 20% darker color. If you saturate the color by 10%, you get **200.7960, -27.4100, -42.9140**, and if you desaturate by 10%, it is **219.9360, -12.2840, -19.6760**.

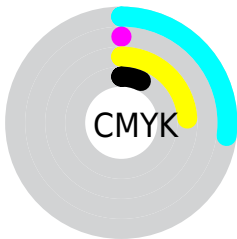
Distribution



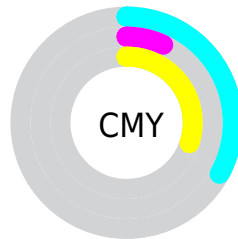
- Red (67%)
- Green (93%)
- Blue (70%)



- Red (67%)
- Yellow (90%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (24%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.3660, -19.8470, -31.2950 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 210.3660, -19.8470, -31.2950 by changing the saturation by 10% instead.

■ 210.3660,
-19.8470, -31.2950

■ 210.3660,
-19.8470, -31.2950

255.0000, -0.0000,
-0.0000

■ 182.7790,
-19.5720, -30.7720

■ 244.6470, -9.6720,
-11.9440

■ 155.3060,
-19.6180, -29.9380

■ 128.8330,
-19.6640, -29.1040

■ 103.0610,
-20.3060, -28.4820

■ 77.2890, -20.9480,
-27.8600

■ 51.7230, -25.1660,
-28.5100

■ 32.1370, -17.4640,

-24.9200

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 210.3660,
-19.8470, -31.2950

■ 210.3660,
-19.8470, -31.2950

■ 200.7960,
-27.4100, -42.9140

■ 219.9360,
-12.2840, -19.6760

■ 191.5250,
-34.3770, -54.3210

■ 229.2070, -5.3170,
-8.2690

■ 181.9550,
-41.9400, -65.9400

■ 238.7770, 2.2460,
3.3500

■ 172.6840,
-48.9070, -77.3470

■ 243.8470, 5.2250,
9.9370

■ 163.1140,
-56.4700, -88.9660

■ 153.5440,
-64.0330, -100.5850

■ 144.2730,
-71.0000, -111.9920

■ 141.4960,
-73.2460, -115.3420

Harmonies

Analogous

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



215.4920, 15.0890, -25.6710



210.3660, -19.8470, -31.2950



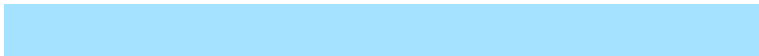
204.4450, -56.6180, -31.1940

Triad

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



210.3660, -19.8470, -31.2950



211.0670, -45.6650, -3.9130



213.0710, 36.7690, 10.9530

Complementary

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



210.3660, -19.8470, -31.2950



197.6340, 19.8470, 31.2950

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.



216.0010, 25.7630, 23.1950



210.3660, -19.8470, -31.2950



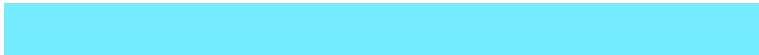
219.2830, -10.5020, 14.1220

Square

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



210.3660, -19.8470, -31.2950



201.9980, -76.7480, -18.7960



223.3020, 14.8500, 28.2420



214.5750, 43.5570, -1.9390

Rectangle

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



210.3660, -19.8470, -31.2950



200.7170, -77.7550, -28.0830



223.3020, 14.8500, 28.2420



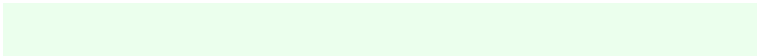
213.2650, 33.4670, 15.7310

Sweetspot

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



210.3660, -19.8470, -31.2950



246.9680, -6.1420, -9.8380



226.9100, 16.9680, -21.1760



122.7450, -3.8960, -6.4880



0.0000, 0.0000, 0.0000



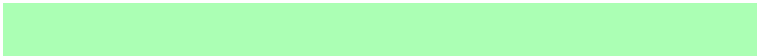
128.0000, -0.0000, -0.0000

Same Dimension

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



210.3660, -19.8470, -31.2950



221.3340, -25.9890, -41.1330



213.9000, -29.7980, -21.6540



112.5710, -3.3460, -5.4420



108.5270, -56.1950, -88.4430



32.3820, -16.7760, -26.3760

Inverse Universe

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



197.6340, 19.8470, 31.2950



204.6660, 25.9890, 41.1330



194.1000, 29.7980, 21.6540



110.4290, 3.3460, 5.4420



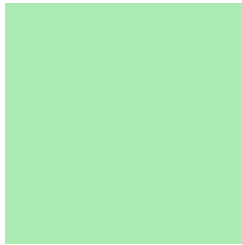
72.4730, 56.1950, 88.4430



21.6180, 16.7760, 26.3760

Previews

White Background



This preview shows how the YIQ color 210.3660, -19.8470, -31.2950 looks on a white background.

Color Contrast Check

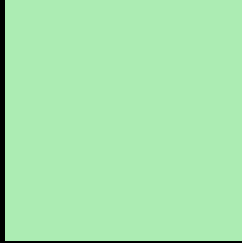
Large Text (above 18pt) WCAG AA × Fail

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 210.3660, -19.8470, -31.2950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

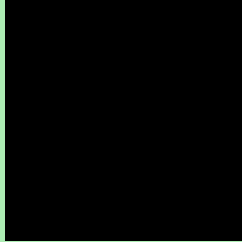
Any Text WCAG AA ✓ Pass

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 210.3660, -19.8470, -31.2950 Background



This preview shows how black text looks on a background with the YIQ color 210.3660, -19.8470, -31.2950.



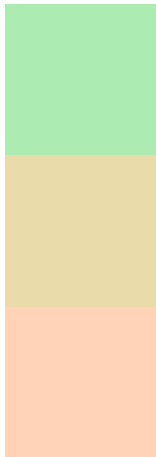
This preview shows how white text looks on a background with the YIQ color 210.3660, -19.8470, -31.2950.

-31.2950.

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

210.3660, -19.8470, -31.2950

Protanopia

218.0130, 24.3480, -11.7480

Deuteranopia

220.7790, 34.2950, 0.7190



Tritanopia

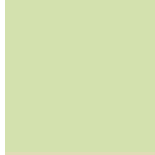
216.1950, -31.4060, -3.5180

Trichromacy



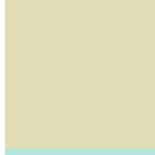
Original Color

210.3660, -19.8470, -31.2950



Protanomaly

215.0000, 8.0270, -18.8290



Deuteranomaly

216.8640, 14.5820, -10.9700



Tritanomaly

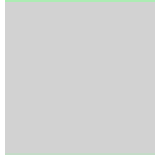
214.0240, -26.9110, -13.3990

Monochromacy



Original Color

210.3660, -19.8470, -31.2950



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.8430, -7.2880, -11.0960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.3660, -19.8470, -31.2950 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(172, 236, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 236, 179)  
}
```

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(172, 236, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 236, 179) }
```

Border

The CSS property to change the border of an element to YIQ 210.3660, -19.8470, -31.2950 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(172, 236, 179) }
```


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

```
.border{ border-color:rgb(172, 236, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 236, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 236, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 236, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 236,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 210.3660, -19.8470, -31.2950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 236, 179) }
```

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

```
.background{ background-color: rgb(172,  
236, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor