

Converting Colors

YIQ(210.6660, -29.0190,
-19.2510)

Have a look what the booklet for
YIQ(210.6660, -29.0190, -19.2510)
contains.

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Color

**YIQ(210.6660, -29.0190,
-19.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	ABE7D2
RGB	171, 231, 210
RGB Percent	67%, 91%, 82%
CMY	0.3296, 0.0940, 0.1766
CMYK	0.26, 0.00, 0.09, 0.09
HSL	159°, 56%, 79%
HSV	159°, 26%, 91%
XYZ	56.9986, 70.4713, 71.5545
YIQ	210.6660, -29.0190, -19.2510

Conversions

Conversions Part 2

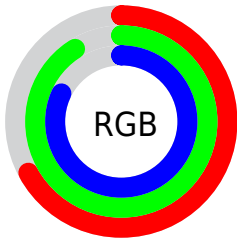
Format	Color
RYB	171, 207, 231
Decimal	11266002
CIELab	87.23, -23.30, 4.10
CIELCh	87, 23.660, 170.031
Yxy	70.4713, 0.2864, 0.3541
Android (android.graphics.Color)	4289456082 (0xFFABE7D2)
YUV	210.6660, -0.3283, -34.7871
Hunter-Lab	83.9472, -25.7093, 8.2257

Details

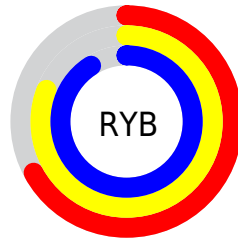
The YIQ color **210.6660, -29.0190, -19.2510** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **191.3340, 29.0190, 19.2510**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **246.6280, -16.6880, -5.9360**, and **155.4920, -28.4690, -18.2050** is the 20% darker color. If you saturate the color by 10%, you get **202.8770, -40.1590, -26.6150**, and if you desaturate by 10%, it is **218.4550, -17.8790, -11.8870**.

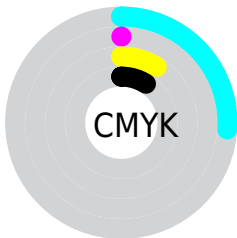
Distribution



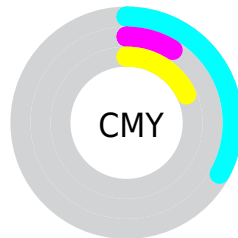
- Red (67%)
- Green (91%)
- Blue (82%)



- Red (67%)
- Yellow (81%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.6660, -29.0190, -19.2510 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 210.6660, -29.0190, -19.2510 by changing the saturation by 10% instead.

■ 210.6660,
-29.0190, -19.2510

■ 210.6660,
-29.0190, -19.2510

255.0000, -0.0000,
-0.0000

■ 182.9650,
-28.4230, -19.0390

■ 246.6280,
-16.6880, -5.9360

■ 155.4920,
-28.4690, -18.2050

■ 128.9050,
-28.1940, -17.6820

■ 103.2040,
-27.5980, -17.4700

■ 78.0190, -28.5150,
-17.3710

■ 52.6380, -31.8160,
-18.1200

■ 33.4540, -25.3060,

-14.9540

■ 19.9070, -13.3400,
-11.5480

■ 0.0000, 0.0000,
0.0000

■ 210.6660,
-29.0190, -19.2510

■ 210.6660,
-29.0190, -19.2510

■ 202.8770,
-40.1590, -26.6150

■ 218.4550,
-17.8790, -11.8870

■ 195.0880,
-51.2990, -33.9790

■ 226.2440, -6.7390,
-4.5230

■ 187.2990,
-62.4390, -41.3430

■ 234.0330, 4.4010,
2.8410

■ 179.5100,
-73.5790, -48.7070

■ 239.4300, 10.7730,
8.5090

■ 171.3080,
-84.9940, -56.5940

■ 240.3420, 8.2050,
10.9970

■ 163.5190,
-96.1340, -63.9580

■ 240.9120, 6.6000,
12.5520

■ 155.7300,
-107.2740, -71.3220

■ 152.6970,
-111.6750, -74.1630

Harmonies

Analogous

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



213.3880, -7.7450, -19.3370



210.6660, -29.0190, -19.2510



209.4010, -44.1500, -14.8540

Triad

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



210.6660, -29.0190, -19.2510



218.9620, -14.0320, 12.0160



218.8440, 35.6700, 3.3340

Complementary

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



210.6660, -29.0190, -19.2510



191.3340, 29.0190, 19.2510

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.



218.6620, 30.6710, 11.3350



210.6660, -29.0190, -19.2510



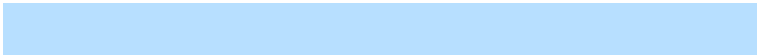
222.1280, 6.2320, 19.2240

Square

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



210.6660, -29.0190, -19.2510



214.6880, -34.1120, 1.4720



221.2840, 23.2880, 18.4880



218.2250, 29.8030, -5.9810

Rectangle

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



210.6660, -29.0190, -19.2510



210.4100, -48.3690, -9.9770



221.2840, 23.2880, 18.4880



218.9410, 34.0190, 5.7230

Sweetspot

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



210.6660, -29.0190, -19.2510



248.2220, -9.6730, -6.4170



212.7980, -3.3880, -26.7160



123.5430, -6.1430, -4.3110



0.0000, 0.0000, 0.0000



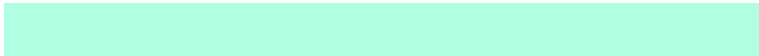
128.0000, -0.0000, -0.0000

Same Dimension

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



210.6660, -29.0190, -19.2510



228.1870, -38.0960, -25.4560



208.3640, -33.5600, -8.5360



110.9560, -5.8680, -3.7880



118.2970, -86.4610, -57.5410



33.6990, -24.6180, -16.4100

Inverse Universe

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



191.3340, 29.0190, 19.2510



202.8130, 38.0960, 25.4560



193.6360, 33.5600, 8.5360



107.0440, 5.8680, 3.7880



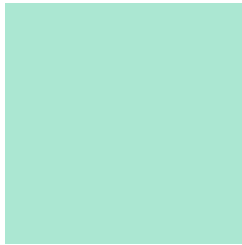
60.7030, 86.4610, 57.5410



17.3010, 24.6180, 16.4100

Previews

White Background



This preview shows how the YIQ color 210.6660, -29.0190, -19.2510 looks on a white background.

Color Contrast Check

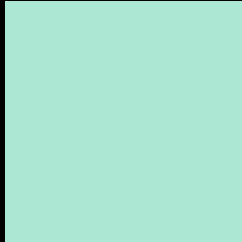
Large Text (above 18pt) WCAG AA × Fail

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 210.6660, -29.0190, -19.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

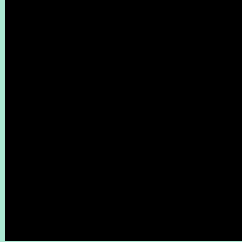
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

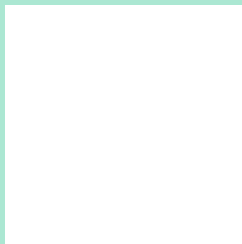
Any Text WCAG AAA ✓ Pass

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

YIQ 210.6660, -29.0190, -19.2510 Background



This preview shows how black text looks on a background with the YIQ color 210.6660, -29.0190, -19.2510.



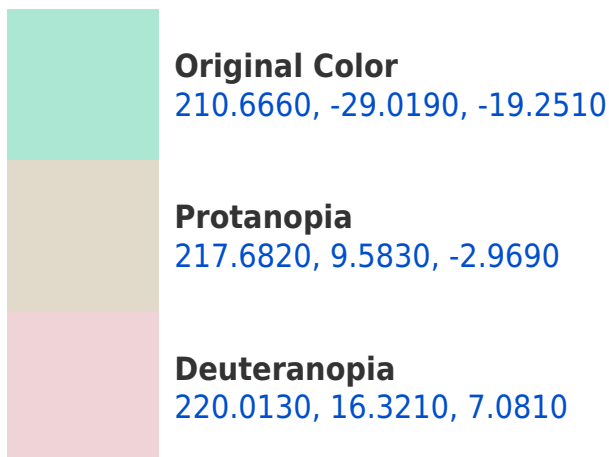
This preview shows how white text looks on a background with the YIQ color 210.6660, -29.0190, -19.2510.

-19.2510.

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

213.7000, -34.3860, -4.5780

Trichromacy



Original Color

210.6660, -29.0190, -19.2510

Protanomaly

214.9790, -4.6750, -8.8910

Deuteranomaly

216.5330, -0.1830, -2.1910

Tritanomaly

212.6090, -32.8720, -9.9920

Monochromacy



Original Color

210.6660, -29.0190, -19.2510

Achromatopsia

211.0000, 0.0000, -0.0000

Achromatomaly

210.6240, -10.8650, -6.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.6660, -29.0190, -19.2510 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(171, 231, 210)` looks like.

```
.text, #text, p{  
    color:rgb(171, 231, 210)  
}
```

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(171, 231, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 231, 210) }
```

Border

The CSS property to change the border of an element to YIQ 210.6660, -29.0190, -19.2510 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(171, 231, 210) }
```


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

```
.border{ border-color:rgb(171, 231, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 231, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 231, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 231, 210);  
box-shadow:4px 4px 4px 4px rgb(171, 231,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 210.6660, -29.0190, -19.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 231, 210) }
```

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

```
.background{ background-color: rgb(171,  
231, 210) }
```

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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