

Converting Colors

YIQ(214.4970, -26.8650,
-14.2330)

Have a look what the booklet for
YIQ(214.4970, -26.8650, -14.2330)
contains.

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Color

**YIQ(214.4970, -26.8650,
-14.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E7DC
RGB	180, 231, 220
RGB Percent	71%, 91%, 86%
CMY	0.2942, 0.0940, 0.1373
CMYK	0.22, 0.00, 0.05, 0.09
HSL	167°, 52%, 81%
HSV	167°, 22%, 91%
XYZ	60.3116, 72.0292, 78.4170
YIQ	214.4970, -26.8650, -14.2330

Conversions

Conversions Part 2

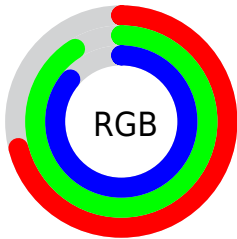
Format	Color
R _Y B	180, 209, 231
Decimal	11855836
CIE Lab	87.98, -18.54, 0.01
CIE LCh	88, 18.542, 179.975
Yxy	72.0292, 0.2862, 0.3418
Android (android.graphics.Color)	4290045916 (0xFFB4E7DC)
YUV	214.4970, 2.7130, -30.2539
Hunter-Lab	84.8700, -21.6741, 4.6270

Details

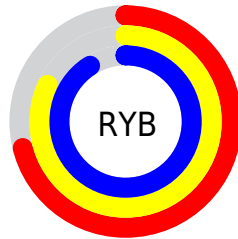
The YIQ color **214.4970, -26.8650, -14.2330** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **196.5030, 26.8650, 14.2330**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **249.6180, -10.7280, -3.8160**, and **159.2090, -25.9940, -13.4980** is the 20% darker color. If you saturate the color by 10%, you get **207.0500, -38.9680, -20.6640**, and if you desaturate by 10%, it is **221.9440, -14.7620, -7.8020**.

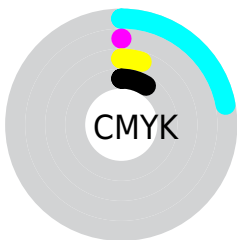
Distribution



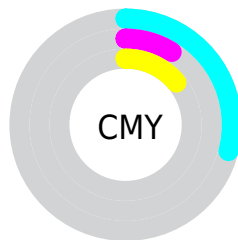
- Red (71%)
- Green (91%)
- Blue (86%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.4970, -26.8650, -14.2330 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 214.4970, -26.8650, -14.2330 by changing the saturation by 10% instead.

■ 214.4970,
-26.8650, -14.2330

■ 214.4970,
-26.8650, -14.2330

255.0000, -0.0000,
-0.0000

■ 186.7960,
-26.2690, -14.0210

■ 249.6180,
-10.7280, -3.8160

■ 159.2090,
-25.9940, -13.4980

■ 133.2090,
-25.9940, -13.4980

■ 107.5080,
-25.3980, -13.2860

■ 82.6220, -25.7190,
-12.9750

■ 58.4370, -26.6360,
-12.8760

■ 34.9530, -28.1490,

-12.9890

■ 20.2320, -15.6330,
-8.5370

■ 0.0000, 0.0000,
0.0000

■ 214.4970,
-26.8650, -14.2330

■ 214.4970,
-26.8650, -14.2330

■ 207.0500,
-38.9680, -20.6640

■ 221.9440,
-14.7620, -7.8020

■ 199.6030,
-51.0710, -27.0950

■ 229.3910, -2.6590,
-1.3710

■ 192.1560,
-63.1740, -33.5260

■ 236.8380, 9.4440,
5.0600

■ 184.7090,
-75.2770, -39.9570

■ 239.2020, 11.4150,
7.8870

■ 176.9630,
-87.9760, -46.6000

■ 239.7720, 9.8100,
9.4420

■ 169.5160,
-100.0790, -53.0310

■ 240.3420, 8.2050,
10.9970

■ 162.0690,
-112.1820, -59.4620

■ 240.9120, 6.6000,
12.5520

■ 156.2310,
-121.6260, -64.5220

Harmonies

Analogous

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



215.8700, -11.9180, -15.2940



214.4970, -26.8650, -14.2330



214.4670, -35.3480, -9.1720

Triad

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



214.4970, -26.8650, -14.2330



222.3820, -6.4670, 12.5810



222.1420, 28.8390, 0.4790

Complementary

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



214.4970, -26.8650, -14.2330



196.5030, 26.8650, 14.2330

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.



222.7710, 28.7460, 7.6740



214.4970, -26.8650, -14.2330



224.0590, 10.6800, 15.7040

Square

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



214.4970, -26.8650, -14.2330



219.4830, -23.1090, 5.8110



224.1220, 23.5640, 13.4840



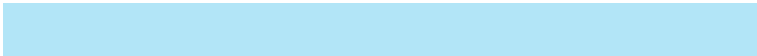
220.0220, 20.1290, -6.8710

Rectangle

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



214.4970, -26.8650, -14.2330



215.8030, -36.1740, -5.2140



224.1220, 23.5640, 13.4840



222.5060, 30.8100, 3.3060

Sweetspot

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



214.4970, -26.8650, -14.2330



249.1620, -9.4440, -5.0600



213.2260, -7.4690, -24.3410



124.3690, -5.5930, -3.2650



0.0000, 0.0000, 0.0000



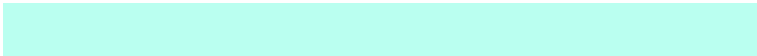
128.0000, -0.0000, -0.0000

Same Dimension

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



214.4970, -26.8650, -14.2330



232.6590, -36.3090, -19.2930



207.5330, -26.5460, -3.4900



111.0700, -6.1890, -3.4770



121.0330, -94.1650, -50.0770



34.4970, -26.8650, -14.2330

Inverse Universe

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



196.5030, 26.8650, 14.2330



208.3410, 36.3090, 19.2930



203.4670, 26.5460, 3.4900



106.9300, 6.1890, 3.4770



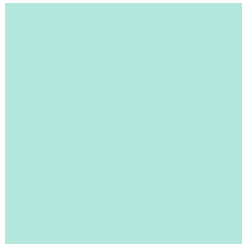
57.9670, 94.1650, 50.0770



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 214.4970, -26.8650, -14.2330 looks on a white background.

Color Contrast Check

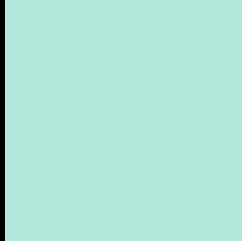
Large Text (above 18pt) WCAG AA × Fail

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 214.4970, -26.8650, -14.2330 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

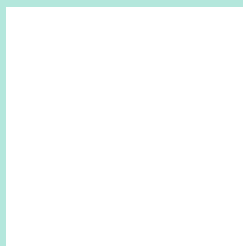
Any Text WCAG AAA ✓ Pass

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

YIQ 214.4970, -26.8650, -14.2330 Background



This preview shows how black text looks on a background with the YIQ color 214.4970, -26.8650, -14.2330.



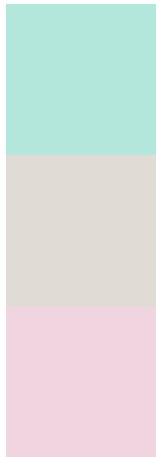
This preview shows how white text looks on a background with the YIQ color 214.4970, -26.8650, -14.2330.

-14.2330.

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

214.4970, -26.8650, -14.2330

Protanopia

220.1100, 5.5020, -0.5940

Deuteranopia

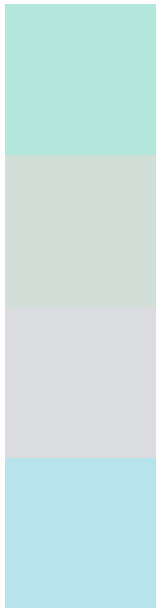
222.3270, 12.5610, 9.1450



Tritanopia

216.4940, -30.8100, -3.3060

Trichromacy



Original Color

214.4970, -26.8650, -14.2330

Protanomaly

218.0160, -6.0970, -5.1450

Deuteranomaly

219.7440, -2.1550, 0.5090

Tritanomaly

215.4570, -29.3880, -7.0520

Monochromacy



Original Color

214.4970, -26.8650, -14.2330

Achromatopsia

214.0000, -0.0000, 0.0000

Achromatomaly

214.1620, -9.4440, -5.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.4970, -26.8650, -14.2330 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(180, 231, 220)` looks like.

```
.text, #text, p{  
    color:rgb(180, 231, 220)  
}
```

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(180, 231, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 231, 220) }
```

Border

The CSS property to change the border of an element to YIQ 214.4970, -26.8650, -14.2330 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(180, 231, 220) }
```


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

```
.border{ border-color:rgb(180, 231, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 231, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 231, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 231, 220);  
box-shadow:4px 4px 4px 4px rgb(180, 231,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 214.4970, -26.8650, -14.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 231, 220) }
```

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

```
.background{ background-color: rgb(180,  
231, 220) }
```

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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