

Converting Colors

YIQ(224.4830, -41.4450,
-14.3170)

Have a look what the booklet for
YIQ(224.4830, -41.4450, -14.3170)
contains.

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Color

**YIQ(224.4830, -41.4450,
-14.3170)**

Conversions

Conversions Part 1

Format	Color
Hex	B0F5F6
RGB	176, 245, 246
RGB Percent	69%, 96%, 96%
CMY	0.3100, 0.0391, 0.0355
CMYK	0.28, 0.00, 0.00, 0.04
HSL	181°, 79%, 83%
HSV	181°, 28%, 96%
XYZ	67.1843, 81.1988, 99.2868
YIQ	224.4830, -41.4450, -14.3170

Conversions

Conversions Part 2

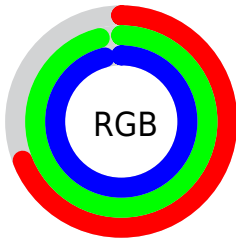
Format	Color
R _Y B	176, 211, 246
Decimal	11597302
CIE Lab	92.22, -21.07, -7.36
CIE LCh	92, 22.317, 199.247
Yxy	81.1988, 0.2713, 0.3279
Android (android.graphics.Color)	4289787382 (0xFFB0F5F6)
YUV	224.4830, 10.6079, -42.5196
Hunter-Lab	90.1104, -24.6075, -2.2505

Details

The YIQ color **224.4830, -41.4450, -14.3170** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **197.5170, 41.4450, 14.3170**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.4220, -13.1120, -4.6640**, and **168.7820, -40.8490, -14.1050** is the 20% darker color. If you saturate the color by 10%, you get **217.0080, -56.3450, -19.6170**, and if you desaturate by 10%, it is **231.9580, -26.5450, -9.0170**.

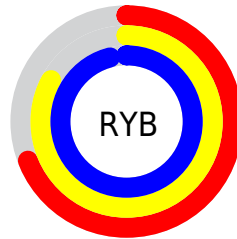
Distribution



Red (69%)

Green (96%)

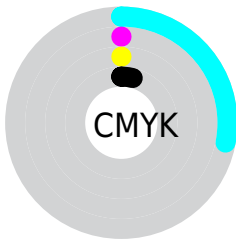
Blue (96%)



Red (69%)

Yellow (83%)

Blue (96%)

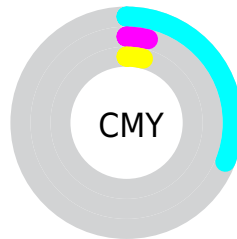


Cyan (28%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (4%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 224.4830, -41.4450, -14.3170 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 224.4830, -41.4450, -14.3170 by changing the saturation by 10% instead.

■ 224.4830,
-41.4450, -14.3170

■ 224.4830,
-41.4450, -14.3170

■ 255.0000, -0.0000,
-0.0000

■ 195.7820,
-40.8490, -14.1050

■ 248.4220,
-13.1120, -4.6640

■ 168.7820,
-40.8490, -14.1050

■ 141.1950,
-40.5740, -13.5820

■ 114.7820,
-40.8490, -14.1050

■ 88.8850, -42.6370,
-14.7410

■ 59.8130, -51.3020,
-17.3980

■ 43.6900, -37.5940,

-12.5220

■ 27.6810, -24.2070,
-7.3350

■ 11.3130, -11.1870,
-1.0030

■ 224.4830,
-41.4450, -14.3170

■ 224.4830,
-41.4450, -14.3170

■ 217.0080,
-56.3450, -19.6170

■ 231.9580,
-26.5450, -9.0170

■ 209.2450,
-70.3740, -24.1820

■ 239.7210,
-12.5160, -4.4520

■ 201.7700,
-85.2740, -29.4820

■ 247.1960, 2.3840,
0.8480

■ 194.5940,
-99.5780, -34.5700

■ 248.6910, 5.3640,
1.9080

■ 186.5320,
-114.2030, -39.3470

■ 249.2780, 5.0890,
1.3850

■ 179.0570,
-129.1030, -44.6470

■ 249.8650, 4.8140,
0.8620

■ 171.8810,
-143.4070, -49.7350

■ 170.6850,
-145.7910, -50.5830

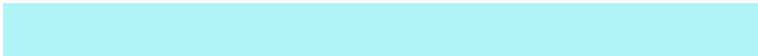
Harmonies

Analogous

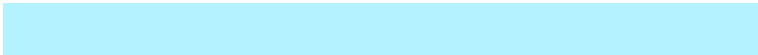
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



225.5630, -27.2310, -18.6150



224.4830, -41.4450, -14.3170



224.9440, -41.1250, -9.1010

Triad

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



224.4830, -41.4450, -14.3170



235.6180, 7.6080, 16.3120



232.4420, 27.6940, -6.3060

Complementary

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



224.4830, -41.4450, -14.3170



197.5170, 41.4450, 14.3170

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.



229.4730, 26.4090, 0.4650



224.4830, -41.4450, -14.3170



231.6850, 14.6690, 14.9970

Square

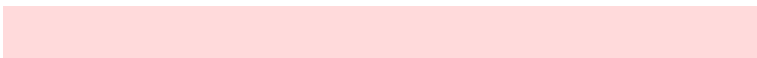
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



224.4830, -41.4450, -14.3170



231.9530, -9.8130, 7.1390



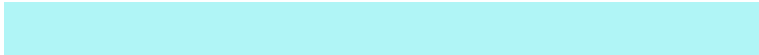
229.1770, 21.7310, 8.1550



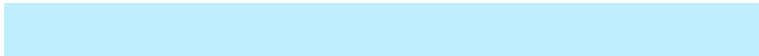
230.6850, 13.5280, -13.8960

Rectangle

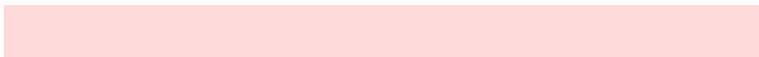
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



224.4830, -41.4450, -14.3170



226.4720, -33.7440, -5.2000



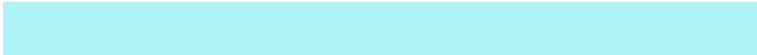
229.1770, 21.7310, 8.1550



230.9090, 27.8770, -4.1150

Sweetspot

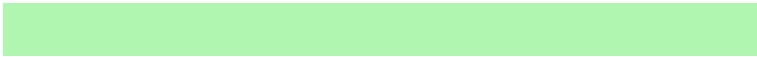
The Sweet Spot groups the original color and five complimentary colors.



224.4830, -41.4450, -14.3170



248.1230, -13.7080, -4.8760



217.0900, -19.2500, -36.6100



122.9280, -8.6650, -2.6570



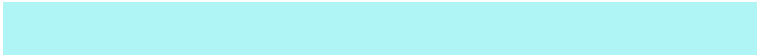
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



224.4830, -41.4450, -14.3170



228.4000, -51.5770, -17.9210



204.5250, -32.0950, 3.4650



118.4120, -7.1520, -2.5440



129.2120, -110.3060, -38.3860



40.7720, -34.8890, -11.9850

Inverse Universe

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



204.7960, 19.5710, 36.2990



203.8170, 24.2460, 45.1900



217.4750, 32.0950, -3.4650



114.9560, 3.3000, 6.2760



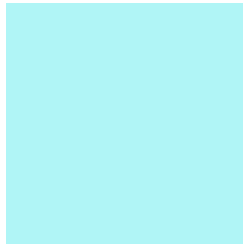
76.5900, 51.7920, 96.6560



24.2530, 16.5460, 30.5460

Previews

White Background



This preview shows how the YIQ color 224.4830, -41.4450, -14.3170 looks on a white background.

Color Contrast Check

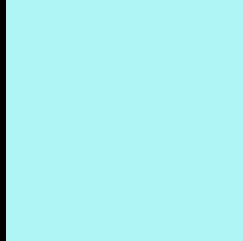
Large Text (above 18pt) WCAG AA × Fail

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 224.4830, -41.4450, -14.3170 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 224.4830, -41.4450, -14.3170 Background



This preview shows how black text looks on a background with the YIQ color 224.4830, -41.4450, -14.3170.



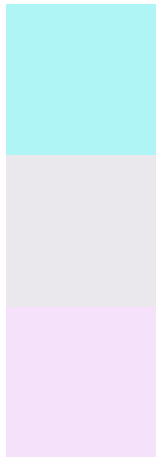
This preview shows how white text looks on a background with the YIQ color 224.4830, -41.4450, -14.3170.

-14.3170.

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

224.4830, -41.4450, -14.3170

Protanopia

232.5810, -0.1380, 2.5020

Deuteranopia

234.1290, 4.4910, 12.2270



Tritanopia

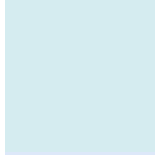
227.9560, -32.2310, -5.0870

Trichromacy



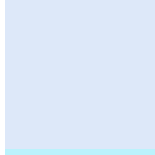
Original Color

224.4830, -41.4450, -14.3170



Protanomaly

229.5790, -14.9920, -3.6320



Deuteranomaly

230.6490, -12.0130, 2.9550



Tritanomaly

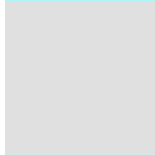
226.6950, -35.9900, -8.5500

Monochromacy



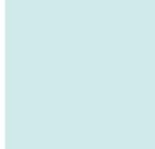
Original Color

224.4830, -41.4450, -14.3170



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

224.5250, -14.9000, -5.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 224.4830, -41.4450, -14.3170 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(176, 245, 246)` looks like.

```
.text, #text, p{  
    color:rgb(176, 245, 246)  
}
```

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(176, 245, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 245, 246) }
```

Border

The CSS property to change the border of an element to YIQ 224.4830, -41.4450, -14.3170 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(176, 245, 246) }
```


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

```
.border{ border-color:rgb(176, 245, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 245, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 245, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 245, 246);  
box-shadow:4px 4px 4px 4px rgb(176, 245,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 224.4830, -41.4450, -14.3170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 245, 246) }
```

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

```
.background{ background-color: rgb(176,  
245, 246) }
```

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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