

Converting Colors

YIQ(226.8480, -41.2150,
-18.4870)

Have a look what the booklet for
YIQ(226.8480, -41.2150, -18.4870)
contains.

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Color

**YIQ(226.8480, -41.2150,
-18.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	B0FAF1
RGB	176, 250, 241
RGB Percent	69%, 98%, 95%
CMY	0.3100, 0.0195, 0.0551
CMYK	0.30, 0.00, 0.04, 0.02
HSL	173°, 88%, 84%
HSV	173°, 30%, 98%
XYZ	67.9605, 83.9637, 95.8125
YIQ	226.8480, -41.2150, -18.4870

Conversions

Conversions Part 2

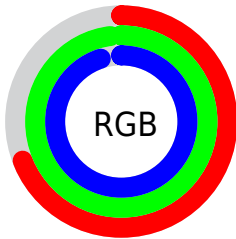
Format	Color
RYB	176, 215, 250
Decimal	11598577
CIELab	93.43, -24.60, -2.97
CIElCh	93, 24.776, 186.892
Yxy	83.9637, 0.2743, 0.3389
Android (android.graphics.Color)	4289788657 (0xFFB0FAF1)
YUV	226.8480, 6.9769, -44.5937
Hunter-Lab	91.6317, -27.9674, 2.1470

Details

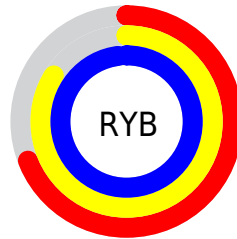
The YIQ color **226.8480, -41.2150, -18.4870** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **199.1520, 41.2150, 18.4870**, and the grayscale version is **227.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **248.4220, -13.1120, -4.6640**, and **170.5600, -40.3440, -17.7520** is the 20% darker color. If you saturate the color by 10%, you get **219.0310, -55.1520, -24.7200**, and if you desaturate by 10%, it is **234.6650, -27.2780, -12.2540**.

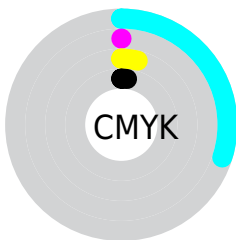
Distribution



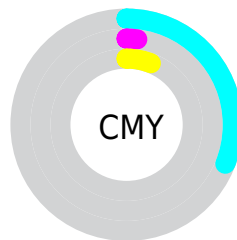
- Red (69%)
- Green (98%)
- Blue (95%)



- Red (69%)
- Yellow (84%)
- Blue (98%)



- Cyan (30%)
- Magenta (0%)
- Yellow (4%)
- Black (2%)



- Cyan (31%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 226.8480, -41.2150, -18.4870 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 226.8480, -41.2150, -18.4870 by changing the saturation by 10% instead.

■ 226.8480,
-41.2150, -18.4870

■ 226.8480,
-41.2150, -18.4870

■ 255.0000, -0.0000,
-0.0000

■ 198.2610,
-40.9400, -17.9640

■ 248.4220,
-13.1120, -4.6640

■ 170.5600,
-40.3440, -17.7520

■ 143.5600,
-40.3440, -17.7520

■ 116.6740,
-40.6650, -17.4410

■ 90.4780, -43.0490,
-18.2890

■ 61.7050, -51.1180,
-20.7340

■ 44.9950, -37.1350,

-15.3350

■ 28.9860, -23.7480,
-10.1480

■ 14.2650, -11.2320,
-5.6960

■ 226.8480,
-41.2150, -18.4870

■ 226.8480,
-41.2150, -18.4870

■ 219.0310,
-55.1520, -24.7200

■ 234.6650,
-27.2780, -12.2540

■ 211.2140,
-69.0890, -30.9530

■ 242.4820,
-13.3410, -6.0210

■ 203.3970,
-83.0260, -37.1860

■ 250.2990, 0.5960,
0.2120

■ 195.5800,
-96.9630, -43.4190

■ 251.8370, 2.0170,
1.9930

■ 187.7630,
-110.9000, -49.6520

■ 252.0650, 1.3750,
2.6150

■ 179.9460,
-124.8370, -55.8850

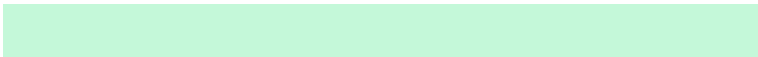
■ 172.1290,
-138.7740, -62.1180

■ 171.7160,
-139.0490, -62.6410

Harmonies

Analogous

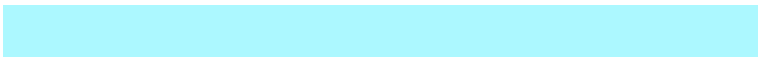
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.9180, -21.0410, -20.6650



226.8480, -41.2150, -18.4870



226.0740, -47.5430, -13.9350

Triad

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



226.8480, -41.2150, -18.4870



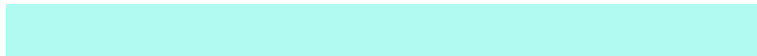
236.7590, 2.6570, 12.4250



232.0830, 27.3270, -5.1610

Complementary

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



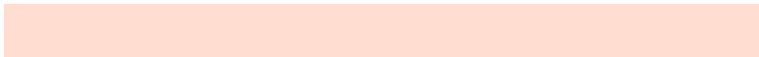
226.8480, -41.2150, -18.4870



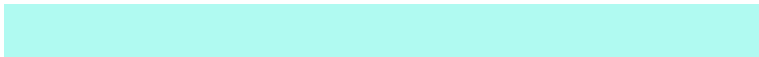
199.1520, 41.2150, 18.4870

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.



230.3850, 23.8410, 2.9530



226.8480, -41.2150, -18.4870



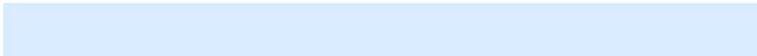
235.6290, 9.0750, 17.2590

Square

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



226.8480, -41.2150, -18.4870



232.1860, -18.0190, 1.6690



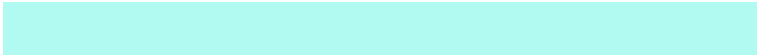
231.1320, 17.6040, 11.3640



234.5290, 22.8350, -11.8610

Rectangle

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



226.8480, -41.2150, -18.4870



227.2920, -42.2250, -11.1930



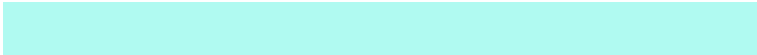
231.1320, 17.6040, 11.3640



231.3650, 26.5930, -2.8710

Sweetspot

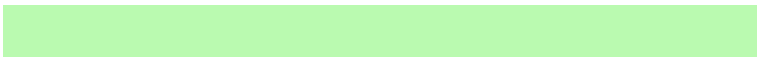
The Sweet Spot groups the original color and five complimentary colors.



226.8480, -41.2150, -18.4870



247.7810, -12.7450, -5.8090



222.4280, -14.3900, -36.5820



123.2870, -8.2980, -3.8020



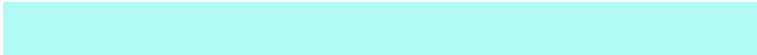
0.0000, 0.0000, 0.0000



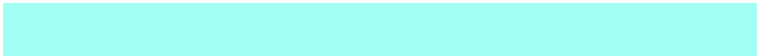
128.0000, -0.0000, -0.0000

Same Dimension

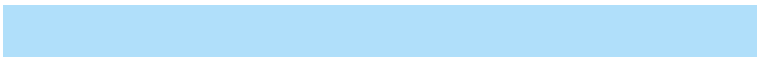
The Same Dimension uses a secret algorithm to generate beautiful new colors.



226.8480, -41.2150, -18.4870



226.2380, -51.3010, -22.9250



212.0250, -36.6790, -1.5670



120.8850, -7.1060, -3.3780



129.8670, -105.2610, -47.2210



41.9630, -34.1090, -15.1090

Inverse Universe

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



199.1520, 41.2150, 18.4870



191.7620, 51.3010, 22.9250



213.9750, 36.6790, 1.5670



116.1150, 7.1060, 3.3780



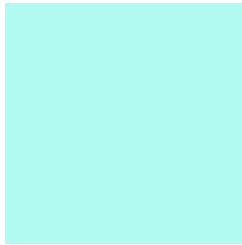
59.1330, 105.2610, 47.2210



19.0370, 34.1090, 15.1090

Previews

White Background



This preview shows how the YIQ color 226.8480, -41.2150, -18.4870 looks on a white background.

Color Contrast Check

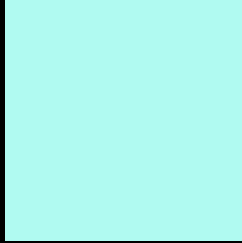
Large Text (above 18pt) WCAG AA × Fail

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 226.8480, -41.2150, -18.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

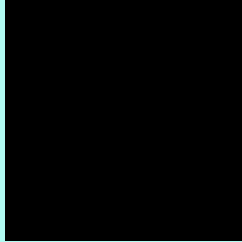
Any Text WCAG AA ✓ Pass

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 226.8480, -41.2150, -18.4870 Background



This preview shows how black text looks on a background with the YIQ color 226.8480, -41.2150, -18.4870.



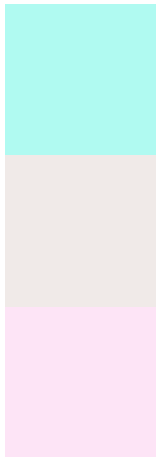
This preview shows how white text looks on a background with the YIQ color 226.8480, -41.2150, -18.4870.

-18.4870.

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

226.8480, -41.2150, -18.4870

Protanopia

235.5660, 4.2180, 0.6500

Deuteranopia

237.5270, 9.1220, 10.8980



Tritanopia

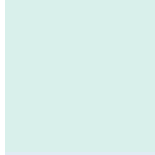
232.1200, -26.8210, -4.0130

Trichromacy



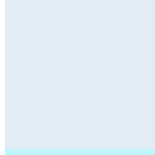
Original Color

226.8480, -41.2150, -18.4870



Protanomaly

232.5530, -12.1030, -6.4310



Deuteranomaly

233.6230, -9.1240, 0.1560



Tritanomaly

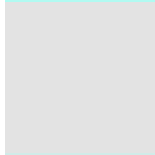
230.3210, -32.0010, -9.2570

Monochromacy



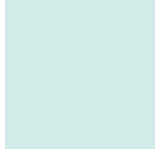
Original Color

226.8480, -41.2150, -18.4870



Achromatopsia

227.0000, -0.0000, -0.0000



Achromatomaly

226.5850, -15.1290, -6.6570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 226.8480, -41.2150, -18.4870 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, 250, 241)` looks like.

```
.text, #text, p{  
    color:rgb(176, 250, 241)  
}
```

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, 250, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 250, 241) }
```

Border

The CSS property to change the border of an element to YIQ 226.8480, -41.2150, -18.4870 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, 250, 241) }
```


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

```
.border{ border-color:rgb(176, 250, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 250, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 250, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 250, 241);  
box-shadow:4px 4px 4px 4px rgb(176, 250,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 226.8480, -41.2150, -18.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 250, 241) }
```

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

```
.background{ background-color: rgb(176,  
250, 241) }
```

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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