

Converting Colors

YIQ(221.7460, -41.1680,
-24.8480)

Have a look what the booklet for
YIQ(221.7460, -41.1680, -24.8480)
contains.

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Color

**YIQ(221.7460, -41.1680,
-24.8480)**

Conversions

Conversions Part 1

Format	Color
Hex	A7F9E1
RGB	167, 249, 225
RGB Percent	65%, 98%, 88%
CMY	0.3453, 0.0234, 0.1178
CMYK	0.33, 0.00, 0.10, 0.02
HSL	162°, 87%, 82%
HSV	162°, 33%, 98%
XYZ	63.3969, 81.4165, 83.5813
YIQ	221.7460, -41.1680, -24.8480

Conversions

Conversions Part 2

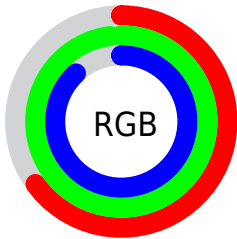
Format	Color
RYB	167, 215, 249
Decimal	11008481
CIELab	92.32, -30.02, 3.63
CIElCh	92, 30.237, 173.108
Yxy	81.4165, 0.2776, 0.3565
Android (android.graphics.Color)	4289198561 (0xFFA7F9E1)
YUV	221.7460, 1.6042, -48.0122
Hunter-Lab	90.2311, -32.4892, 8.2413

Details

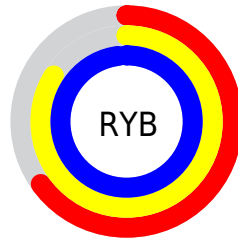
The YIQ color **221.7460, -41.1680, -24.8480** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **194.2540, 41.1680, 24.8480**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.7310, -18.4760, -6.5720**, and **165.5720, -40.6180, -23.8020** is the 20% darker color. If you saturate the color by 10%, you get **213.4730, -53.8210, -32.3250**, and if you desaturate by 10%, it is **230.0190, -28.5150, -17.3710**.

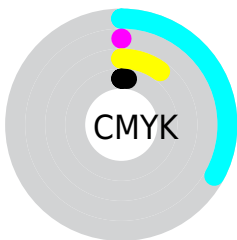
Distribution



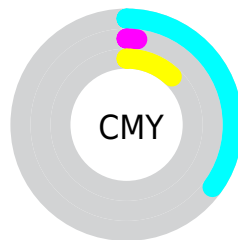
- Red (65%)
- Green (98%)
- Blue (88%)



- Red (65%)
- Yellow (84%)
- Blue (98%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (35%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.7460, -41.1680, -24.8480 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 221.7460, -41.1680, -24.8480 by changing the saturation by 10% instead.

■ 221.7460,
-41.1680, -24.8480

■ 221.7460,
-41.1680, -24.8480

■ 255.0000, -0.0000,
-0.0000

■ 193.1590,
-40.8930, -24.3250

■ 245.7310,
-18.4760, -6.5720

■ 165.5720,
-40.6180, -23.8020

■ 254.7010, -0.5960,
-0.2120

■ 138.5720,
-40.6180, -23.8020

■ 111.5010,
-41.8560, -23.3920

■ 84.7070, -45.4320,
-24.6640

■ 59.6360, -46.6700,
-24.2540

■ 42.9260, -32.6870,

-18.8550

■ 27.0310, -19.6210,
-13.3570

■ 8.8050, -4.1250,
-7.8450

■ 221.7460,
-41.1680, -24.8480

■ 221.7460,
-41.1680, -24.8480

■ 213.4730,
-53.8210, -32.3250

■ 230.0190,
-28.5150, -17.3710

■ 205.0860,
-66.1530, -40.1130

■ 238.4060,
-16.1830, -9.5830

■ 196.8130,
-78.8060, -47.5900

■ 246.6790, -3.5300,
-2.1060

■ 188.5400,
-91.4590, -55.0670

■ 251.3640, 1.9710,
2.8270

■ 180.1530,
-103.7910, -62.8550

■ 251.4780, 1.6500,
3.1380

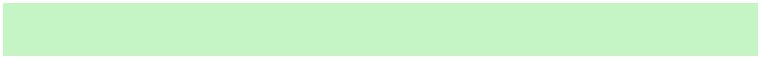
■ 172.1790,
-115.8480, -70.1200

■ 166.2270,
-124.9710, -75.4910

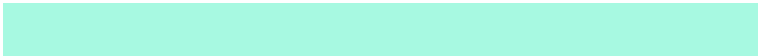
Harmonies

Analogous

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



225.1760, -13.2000, -25.1040



221.7460, -41.1680, -24.8480



219.7840, -61.5260, -19.3340

Triad

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



221.7460, -41.1680, -24.8480



231.3770, -8.0710, 8.6090



226.2300, 31.4070, -2.0090

Complementary

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



221.7460, -41.1680, -24.8480



194.2540, 41.1680, 24.8480

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.



225.3300, 25.6740, 8.2820



221.7460, -41.1680, -24.8480



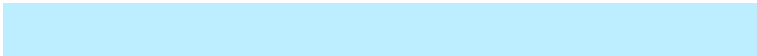
233.2810, 10.1750, 19.3510

Square

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



221.7460, -41.1680, -24.8480



225.2870, -34.6610, -5.1010



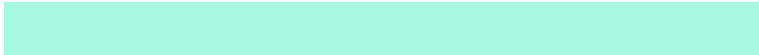
228.7500, 16.0440, 17.6120



230.7320, 32.5090, -10.9710

Rectangle

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



221.7460, -41.1680, -24.8480



219.2080, -59.7840, -17.8640



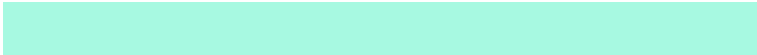
228.7500, 16.0440, 17.6120



225.7400, 30.0310, 0.9030

Sweetspot

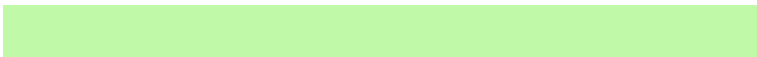
The Sweet Spot groups the original color and five complimentary colors.



221.7460, -41.1680, -24.8480



246.7270, -12.6530, -7.4770



222.6090, -7.6500, -37.5860



122.6460, -7.9310, -4.9470



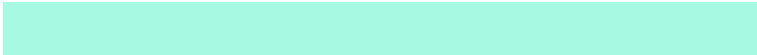
0.0000, 0.0000, 0.0000



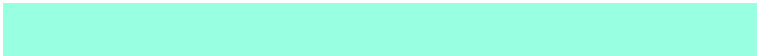
128.0000, -0.0000, -0.0000

Same Dimension

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



221.7460, -41.1680, -24.8480



221.0820, -51.1620, -30.9540



215.0900, -44.4720, -9.0160



120.6570, -6.4640, -4.0000



126.1050, -94.6680, -57.4840



40.7090, -30.5780, -18.5300

Inverse Universe

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



194.2540, 41.1680, 24.8480



186.9180, 51.1620, 30.9540



200.9100, 44.4720, 9.0160



116.3430, 6.4640, 4.0000



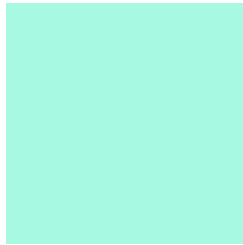
62.7810, 94.9890, 57.1730



20.2910, 30.5780, 18.5300

Previews

White Background



This preview shows how the YIQ color 221.7460, -41.1680, -24.8480 looks on a white background.

Color Contrast Check

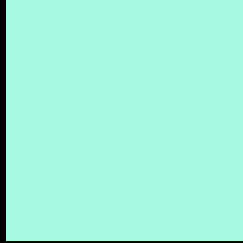
Large Text (above 18pt) WCAG AA × Fail

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 221.7460, -41.1680, -24.8480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

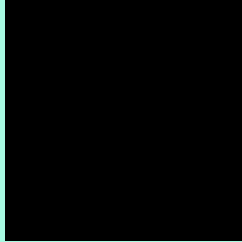
Any Text WCAG AA ✓ Pass

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 221.7460, -41.1680, -24.8480 Background



This preview shows how black text looks on a background with the YIQ color 221.7460, -41.1680, -24.8480.



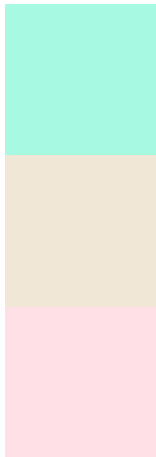
This preview shows how white text looks on a background with the YIQ color 221.7460, -41.1680, -24.8480.

-24.8480.

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

221.7460, -41.1680, -24.8480

Protanopia

231.8670, 10.5000, -3.0680

Deuteranopia

233.9530, 16.5500, 8.4380



Tritanopia

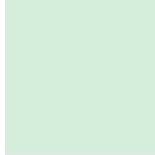
227.6570, -32.8270, -5.2990

Trichromacy



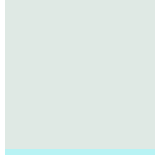
Original Color

221.7460, -41.1680, -24.8480



Protanomaly

228.3590, -8.8010, -11.2090



Deuteranomaly

229.4400, -4.3550, -3.6750



Tritanomaly

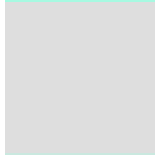
225.4730, -35.4850, -12.1970

Monochromacy



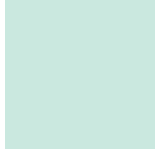
Original Color

221.7460, -41.1680, -24.8480



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

222.0040, -14.9910, -9.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.7460, -41.1680, -24.8480 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(167, 249, 225)` looks like.

```
.text, #text, p{  
    color:rgb(167, 249, 225)  
}
```

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(167, 249, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 249, 225) }
```

Border

The CSS property to change the border of an element to YIQ 221.7460, -41.1680, -24.8480 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(167, 249, 225) }
```


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

```
.border{ border-color:rgb(167, 249, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 249, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 249, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 249, 225);  
box-shadow:4px 4px 4px 4px rgb(167, 249,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 221.7460, -41.1680, -24.8480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 249, 225) }
```

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

```
.background{ background-color: rgb(167,  
249, 225) }
```

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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