

Converting Colors

YIQ(213.5070, -41.9930,
-26.4170)

Have a look what the booklet for
YIQ(213.5070, -41.9930, -26.4170)
contains.

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Color

**YIQ(213.5070, -41.9930,
-26.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	9DF2D7
RGB	157, 242, 215
RGB Percent	62%, 95%, 84%
CMY	0.3845, 0.0508, 0.1570
CMYK	0.35, 0.00, 0.11, 0.05
HSL	161°, 77%, 78%
HSV	161°, 35%, 95%
XYZ	57.9174, 75.5924, 75.8032
YIQ	213.5070, -41.9930, -26.4170

Conversions

Conversions Part 2

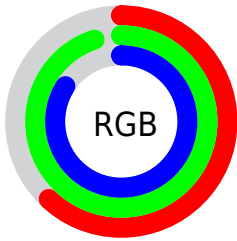
Format	Color
RYB	157, 208, 242
Decimal	10351319
CIELab	89.67, -31.58, 4.93
CIElCh	90, 31.959, 171.124
Yxy	75.5924, 0.2767, 0.3611
Android (android.graphics.Color)	4288541399 (0xFF9DF2D7)
YUV	213.5070, 0.7360, -49.5566
Hunter-Lab	86.9439, -33.2444, 9.1679

Details

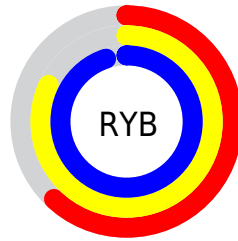
The YIQ color **213.5070, -41.9930, -26.4170** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **185.4930, 41.9930, 26.4170**, and the grayscale version is **214.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **242.7410, -24.4360, -8.6920**, and **157.9200, -41.7180, -25.8940** is the 20% darker color. If you saturate the color by 10%, you get **205.4190, -53.7290, -33.9930**, and if you desaturate by 10%, it is **221.5950, -30.2570, -18.8410**.

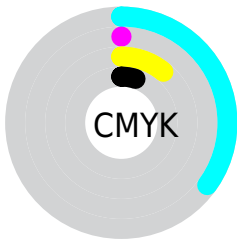
Distribution



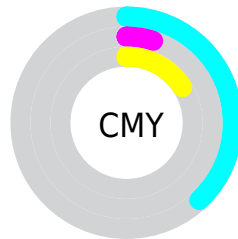
- Red (62%)
- Green (95%)
- Blue (84%)



- Red (62%)
- Yellow (82%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.5070, -41.9930, -26.4170 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 213.5070, -41.9930, -26.4170 by changing the saturation by 10% instead.

■ 213.5070,
-41.9930, -26.4170

■ 213.5070,
-41.9930, -26.4170

■ 255.0000, -0.0000,
-0.0000

■ 184.9200,
-41.7180, -25.8940

■ 242.7410,
-24.4360, -8.6920

■ 157.9200,
-41.7180, -25.8940

■ 251.4120, -7.1520,
-2.5440

■ 130.1480,
-42.3600, -25.2720

■ 103.6640,
-43.8730, -25.3850

■ 73.7060, -52.8590,
-27.7310

■ 55.0880, -42.1310,
-23.9150

■ 38.6060, -28.7900,

-17.8940

■ 23.8850, -16.2740,
-13.4420

■ 0.0000, 0.0000,
0.0000

■ 213.5070,
-41.9930, -26.4170

■ 213.5070,
-41.9930, -26.4170

■ 205.4190,
-53.7290, -33.9930

■ 221.5950,
-30.2570, -18.8410

■ 197.4450,
-65.7860, -41.2580

■ 229.5690,
-18.2000, -11.5760

■ 189.0580,
-78.1180, -49.0460

■ 237.9560, -5.8680,
-3.7880

■ 180.9700,
-89.8540, -56.6220

■ 246.0440, 5.8680,
3.7880

■ 172.8820,
-101.5900, -64.1980

■ 247.1410, 4.2170,
6.1770

■ 164.9080,
-113.6470, -71.4630

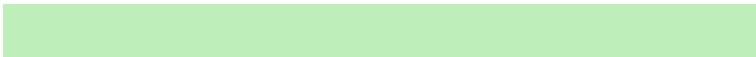
■ 247.3690, 3.5750,
6.7990

■ 160.8640,
-119.5150, -75.2510

Harmonies

Analogous

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



217.7200, -11.9160, -26.3480



213.5070, -41.9930, -26.4170



210.7620, -64.4600, -21.2280

Triad

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



213.5070, -41.9930, -26.4170



223.9790, -12.7020, 9.9380



219.9210, 36.7710, -0.1010

Complementary

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



213.5070, -41.9930, -26.4170



185.4930, 41.9930, 26.4170

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.



219.3630, 30.0750, 11.1230



213.5070, -41.9930, -26.4170



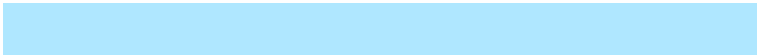
229.1720, 12.1000, 23.0120

Square

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



213.5070, -41.9930, -26.4170



216.9920, -41.0800, -4.4080



222.8970, 20.1240, 20.7640



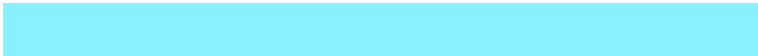
224.1950, 38.5150, -9.6850

Rectangle

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



213.5070, -41.9930, -26.4170



210.6140, -66.7990, -17.3830



222.8970, 20.1240, 20.7640



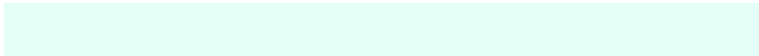
219.6590, 34.7530, 3.4330

Sweetspot

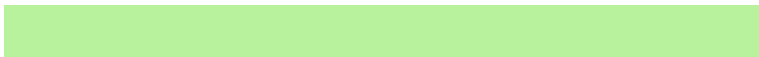
The Sweet Spot groups the original color and five complimentary colors.



213.5070, -41.9930, -26.4170



245.6020, -13.7990, -8.7350



215.2670, -6.6870, -38.5190



122.2330, -8.2060, -5.4700



0.0000, 0.0000, 0.0000



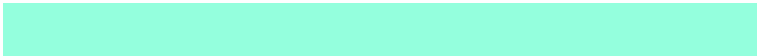
128.0000, -0.0000, -0.0000

Same Dimension

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



213.5070, -41.9930, -26.4170



219.1310, -52.8580, -33.2580



208.3670, -46.8100, -10.6980



115.9560, -5.8680, -3.7880



122.2580, -90.7250, -57.3570



37.2040, -27.5980, -17.4700

Inverse Universe

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



185.4930, 41.9930, 26.4170



183.8690, 52.8580, 33.2580



190.6330, 46.8100, 10.6980



112.0440, 5.8680, 3.7880



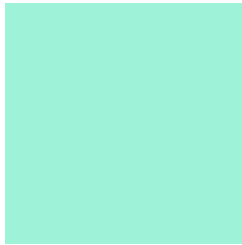
61.6280, 91.0460, 57.0460



18.7960, 27.5980, 17.4700

Previews

White Background



This preview shows how the YIQ color 213.5070, -41.9930, -26.4170 looks on a white background.

Color Contrast Check

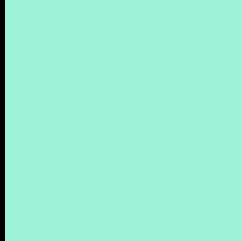
Large Text (above 18pt) WCAG AA × Fail

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 213.5070, -41.9930, -26.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

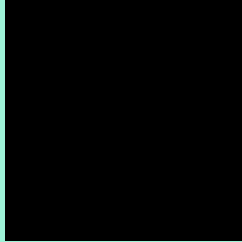
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

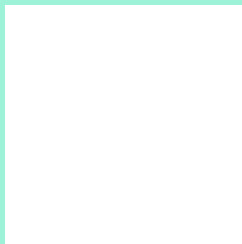
Any Text WCAG AAA ✓ Pass

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

YIQ 213.5070, -41.9930, -26.4170 Background



This preview shows how black text looks on a background with the YIQ color 213.5070, -41.9930, -26.4170.



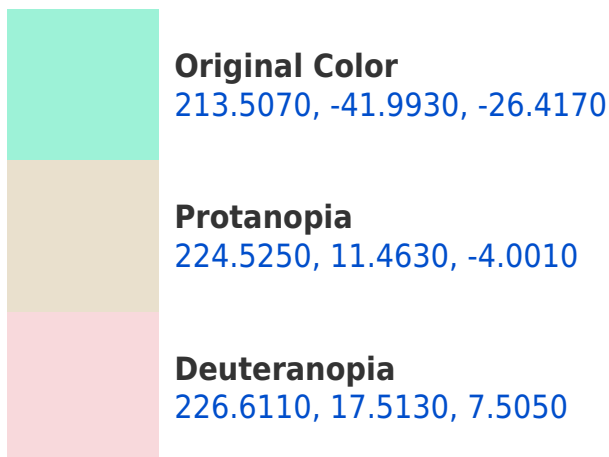
This preview shows how white text looks on a background with the YIQ color 213.5070, -41.9930, -26.4170.

-26.4170.

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

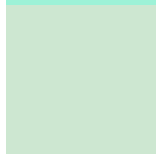
217.5350, -47.2230, -8.7190

Trichromacy



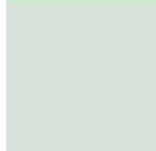
Original Color

213.5070, -41.9930, -26.4170



Protanomaly

220.7180, -8.4340, -12.3540



Deuteranomaly

221.7990, -3.9880, -4.8200



Tritanomaly

215.8030, -45.3420, -15.2780

Monochromacy



Original Color

213.5070, -41.9930, -26.4170



Achromatopsia

214.0000, -0.0000, 0.0000



Achromatomaly

213.5910, -15.2660, -9.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.5070, -41.9930, -26.4170 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(157, 242, 215)` looks like.

```
.text, #text, p{  
    color:rgb(157, 242, 215)  
}
```

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(157, 242, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 242, 215) }
```

Border

The CSS property to change the border of an element to YIQ 213.5070, -41.9930, -26.4170 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(157, 242, 215) }
```


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

```
.border{ border-color:rgb(157, 242, 215) }
```

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

Here you see how a box with a 4 pixel rgb(157, 242, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 242, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 242, 215);  
box-shadow:4px 4px 4px 4px rgb(157, 242,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 213.5070, -41.9930, -26.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 242, 215) }
```

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

```
.background{ background-color: rgb(157,  
242, 215) }
```

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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