

# Converting Colors

YIQ(241.9150, -24.9860,  
-9.7380)

Have a look what the booklet for  
YIQ(241.9150, -24.9860, -9.7380)  
contains.

<b>YIQ(241.9150, -24.9860, -9.7380)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(241.9150, -24.9860,  
-9.7380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4FFFD
RGB	212, 255, 253
RGB Percent	83%, 100%, 99%
CMY	0.1687, 0.0000, 0.0079
CMYK	0.17, 0.00, 0.01, 0.00
HSL	177°, 100%, 92%
HSV	177°, 17%, 100%
XYZ	80.6294, 92.6034, 106.5323
YIQ	241.9150, -24.9860, -9.7380

# Conversions

## Conversions Part 2

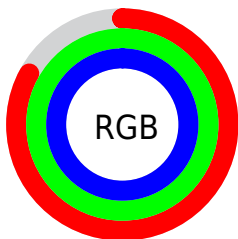
Format	Color
RYP	212, 234, 255
Decimal	13959165
CIELab	97.07, -14.04, -3.61
CIElCh	97, 14.491, 194.418
Yxy	92.6034, 0.2882, 0.3310
Android (android.graphics.Color)	4292149245 (0xFFD4FFFD)
YUV	241.9150, 5.4649, -26.2355
Hunter-Lab	96.2307, -18.8427, 1.7243

# Details

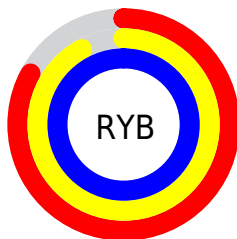
The YIQ color  $241.9150, -24.9860, -9.7380$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $225.0850, 24.9860, 9.7380$ , and the grayscale version is  $242.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $185.5130, -23.7940, -9.3140$  is the 20% darker color. If you saturate the color by 10%, you get  $234.0270, -40.1610, -15.5610$ , and if you desaturate by 10%, it is  $249.5040, -10.4070, -4.1270$ .

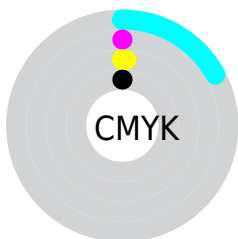
# Distribution



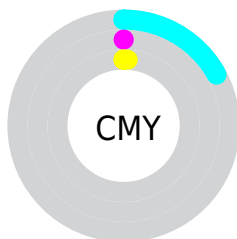
- Red (83%)
- Green (100%)
- Blue (99%)



- Red (83%)
- Yellow (92%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (17%)
- Magenta (0%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 241.9150, -24.9860, -9.7380 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 241.9150, -24.9860, -9.7380 by changing the saturation by 10% instead.



■ 241.9150,  
-24.9860, -9.7380

■ 241.9150,  
-24.9860, -9.7380

255.0000, -0.0000,  
-0.0000

■ 213.2140,  
-24.3900, -9.5260

■ 185.5130,  
-23.7940, -9.3140

■ 158.5130,  
-23.7940, -9.3140

■ 131.9260,  
-23.5190, -8.7910

■ 106.8120,  
-23.1980, -9.1020

■ 82.2250, -22.9230,  
-8.5790

■ 58.2250, -22.9230,

-8.5790

■ 35.0290, -25.3070,  
-9.4270

■ 18.8130, -15.7710,  
-6.0350

■ 241.9150,  
-24.9860, -9.7380

■ 241.9150,  
-24.9860, -9.7380

■ 234.0270,  
-40.1610, -15.5610

■ 249.5040,  
-10.4070, -4.1270

■ 226.4380,  
-54.7400, -21.1720

255.0000, -0.0000,  
-0.0000

■ 218.4360,  
-69.5940, -27.3060

■ 210.8470,  
-84.1730, -32.9170

■ 202.9590,  
-99.3480, -38.7400

■ 195.3700,  
-113.9270, -44.3510

■ 187.4820,  
-129.1020, -50.1740

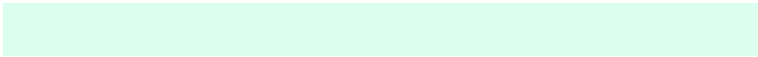
■ 179.7790,  
-143.3600, -56.0960

■ 177.3870,  
-148.1280, -57.7920

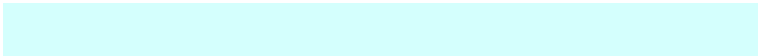
# Harmonies

## Analogous

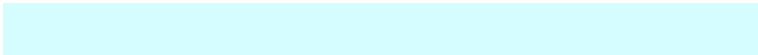
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.1240, -15.4490, -11.8730



241.9150, -24.9860, -9.7380



241.2680, -24.4820, -7.8580

# Triad

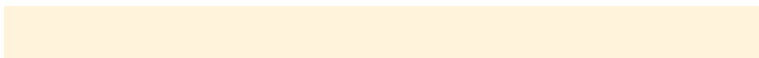
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.9150, -24.9860, -9.7380



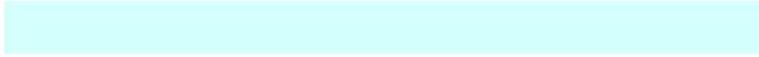
246.7820, 3.8500, 7.3220



243.9660, 14.5350, -4.6090

# Complementary

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



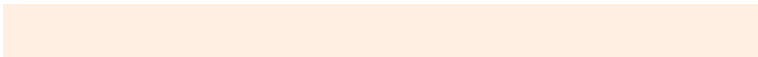
241.9150, -24.9860, -9.7380



225.0850, 24.9860, 9.7380

# 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.



242.4160, 13.3880, -0.3400



241.9150, -24.9860, -9.7380



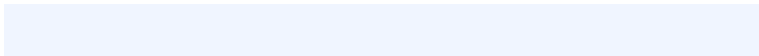
244.9070, 4.9960, 8.5800

# Square

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



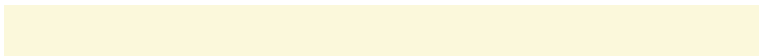
241.9150, -24.9860, -9.7380



244.6450, -6.1900, 2.0500



242.7240, 9.7650, 4.7490

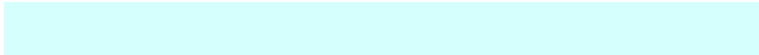


245.5910, 11.0970, -8.3830

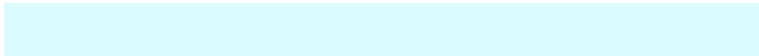


# Rectangle

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



241.9150, -24.9860, -9.7380



241.8880, -20.3560, -5.5400



242.7240, 9.7650, 4.7490



243.6070, 14.1680, -3.4640

# Sweetspot

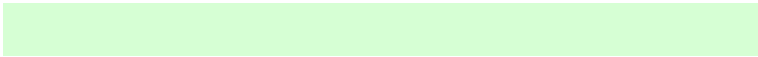
The Sweet Spot groups the original color and five complimentary colors.



241.9150, -24.9860, -9.7380



250.9990, -7.4270, -3.0670



237.8390, -10.6330, -22.0650



125.4940, -4.4470, -2.0070



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

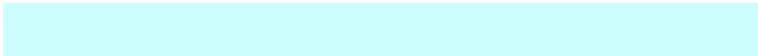


# Same Dimension

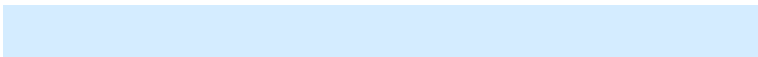
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.9150, -24.9860, -9.7380



239.5230, -29.7540, -11.4340



230.9900, -20.4030, 0.8210



123.9990, -7.4270, -3.0670



132.8650, -110.9470, -43.2910



44.5220, -37.1810, -14.5010



# Inverse Universe

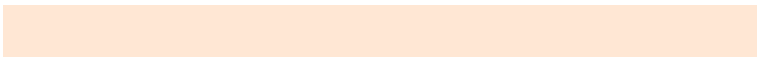
The Inverse Universe completely reimagines the original color for something new.



225.0850, 24.9860, 9.7380



219.4770, 29.7540, 11.4340



236.0100, 20.4030, -0.8210



118.8870, 7.7480, 2.7560



58.1350, 110.9470, 43.2910

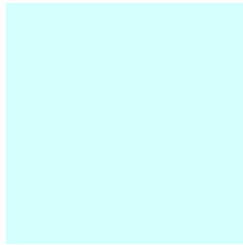


19.4780, 37.1810, 14.5010



# Previews

## White Background



This preview shows how the YIQ color 241.9150, -24.9860, -9.7380 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

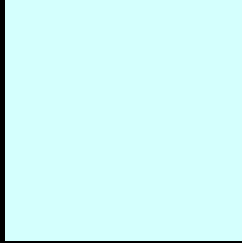
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 241.9150, -24.9860, -9.7380 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

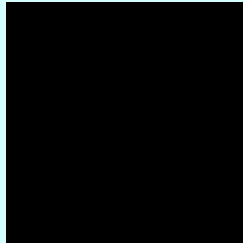
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

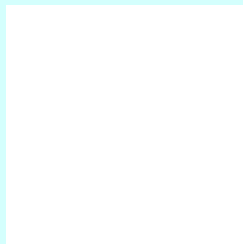
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YIQ 241.9150, -24.9860, -9.7380

## Background



This preview shows how black text looks on a background with the YIQ color 241.9150, -24.9860, -9.7380.



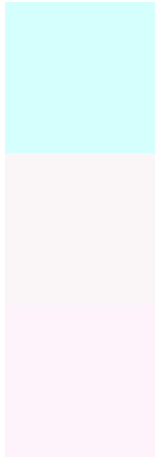
This preview shows how white text looks on a background with the YIQ color 241.9150, -24.9860, -9.7380.

-9.7380.

# 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

241.9150, -24.9860, -9.7380

### Protanopia

246.7230, 2.3380, 1.6820

### Deuteranopia

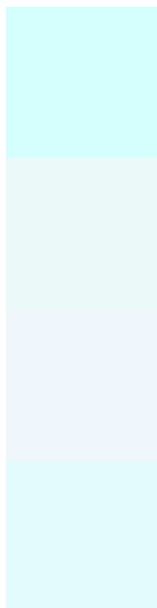
247.5000, 4.5840, 5.0320



## **Tritanopia**

245.5090, -8.8030, -0.1550

# Trichromacy



## Original Color

241.9150, -24.9860, -9.7380

## Protanomaly

245.1130, -7.7480, -2.7560

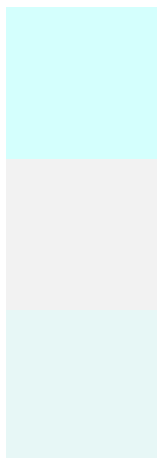
## Deuteranomaly

245.1780, -6.3730, -0.1410

## Tritanomaly

244.4650, -14.6710, -3.9430

# Monochromacy



## Original Color

241.9150, -24.9860, -9.7380

## Achromatopsia

242.0000, -0.0000, 0.0000

## Achromatomaly

242.1020, -9.2150, -3.7030

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 241.9150, -24.9860, -9.7380 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(212, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 253)  
}
```

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(212, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 253) }
```

## Border

The CSS property to change the border of an element to YIQ 241.9150, -24.9860, -9.7380 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(212, 255, 253) }
```



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

```
.border{ border-color:rgb(212, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
253) }
```

# Background

The CSS property to change the background color of an element to YIQ 241.9150, -24.9860, -9.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 253) }
```

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

```
.background{ background-color: rgb(212,  
255, 253) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor