

# Converting Colors

YIQ(241.6280, 34.8970,  
-32.2310)

Have a look what the booklet for  
YIQ(241.6280, 34.8970, -32.2310)  
contains.

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# Color

**YIQ(241.6280, 34.8970,  
-32.2310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFD94
RGB	255, 253, 148
RGB Percent	100%, 99%, 58%
CMY	0.0001, 0.0078, 0.4194
CMYK	0.00, 0.01, 0.42, 0.00
HSL	59°, 100%, 79%
HSV	59°, 42%, 100%
XYZ	81.7090, 93.6468, 41.8094
YIQ	241.6280, 34.8970, -32.2310

# Conversions

## Conversions Part 2

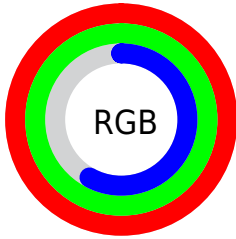
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">150, 255, 148</a>
Decimal	<a href="#">16776596</a>
<a href="#">CIELab</a>	<a href="#">97.49, -13.76, 50.30</a>
<a href="#">CIElCh</a>	<a href="#">97, 52.151, 105.294</a>
<a href="#">Yxy</a>	<a href="#">93.6468, 0.3763, 0.4312</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294966676 (0xFFFFFD94)</a>
<a href="#">YUV</a>	<a href="#">241.6280, -46.1586, 11.7272</a>
<a href="#">Hunter-Lab</a>	<a href="#">96.7713, -18.6330, 42.1241</a>

# Details

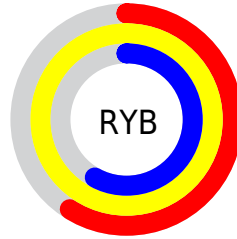
The YIQ color  $241.6280, 34.8970, -32.2310$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $161.3720, -34.8970, 32.2310$ , and the grayscale version is  $242.0000, -0.0000, 0.0000$ .

A 20% lighter version of the original color is  $249.1860, 16.3710, -15.8610$ , and  $185.3720, 32.7420, -31.7220$  is the 20% darker color. If you saturate the color by 10%, you get  $238.7780, 42.9220, -40.0060$ , and if you desaturate by 10%, it is  $244.5920, 26.5510, -24.1450$ .

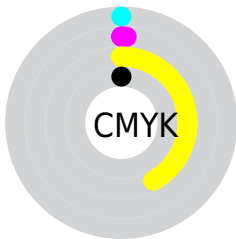
# Distribution



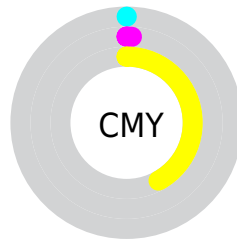
- Red (100%)
- Green (99%)
- Blue (58%)



- Red (59%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 241.6280, 34.8970, -32.2310 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 241.6280, 34.8970, -32.2310 by changing the saturation by 10% instead.





 241.6280, 34.8970,  
-32.2310


 241.6280, 34.8970,  
-32.2310


255.0000, -0.0000,  
-0.0000


 212.5570, 33.6590,  
-31.8210

 249.1860, 16.3710,  
-15.8610


 185.3720, 32.7420,  
-31.7220

 252.3780, 7.3830,  
-7.1530

 157.3010, 31.5040,  
-31.3120

 131.0020, 30.9080,  
-31.5240

 103.8340, 31.3210,  
-33.5030

 80.6040, 26.2770,  
-30.1950

 59.0410, 17.9770,

-22.9430

■ 38.3530, 8.5310,  
-16.9490

■ 17.6430, -3.8490,  
-12.8490

■ 241.6280, 34.8970,  
-32.2310

■ 241.6280, 34.8970,  
-32.2310

■ 238.7780, 42.9220,  
-40.0060

■ 244.5920, 26.5510,  
-24.1450

■ 235.2270, 51.5430,  
-47.5690

■ 248.0290, 18.2510,  
-16.8930

■ 232.3770, 59.5680,  
-55.3440

■ 250.9930, 9.9050,  
-8.8070

■ 228.8260, 68.1890,  
-62.9070

■ 254.4300, 1.6050,  
-1.5550

■ 225.9760, 76.2140, 255.0000, -0.0000,  
-70.6820 -0.0000

■ 222.9950, 83.2300,  
-76.6900

# Harmonies

## Analogous

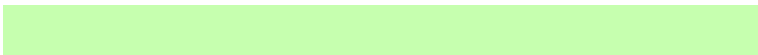
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8770, 38.9300, -22.7180



241.6280, 34.8970, -32.2310



228.8370, -8.2920, -36.9640

# Triad

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



241.6280, 34.8970, -32.2310



178.7550, -151.9800, -54.0600



229.1720, 12.1000, 23.0120

# Complementary

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



241.6280, 34.8970, -32.2310



161.3720, -34.8970, 32.2310

# 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.



237.3900, 8.2500, 15.6900



241.6280, 34.8970, -32.2310



216.1300, -77.4800, -27.5600

# Square

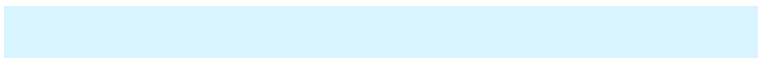
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



241.6280, 34.8970, -32.2310



190.4160, -128.7360, -45.7920



236.8820, -20.2190, -2.5150



223.7630, 23.1970, 14.6290

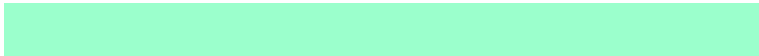


# Rectangle

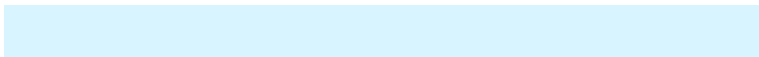
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



241.6280, 34.8970, -32.2310



219.2860, -43.2290, -37.0610



236.8820, -20.2190, -2.5150



231.5200, 11.0000, 20.9200

# Sweetspot

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



241.6280, 34.8970, -32.2310



250.6510, 10.8680, -9.7400



180.4490, 62.4880, 23.9280



125.0190, 7.0160, -6.0080



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

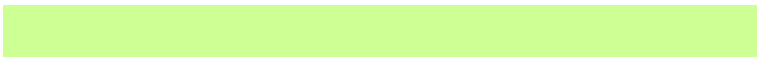
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.6280, 34.8970, -32.2310



239.3480, 41.3170, -38.4510



227.8520, 4.5470, -43.8770



125.9310, 4.4480, -3.5200



167.4650, 62.1360, -57.8320



56.1170, 20.8190, -19.3810



# Inverse Universe

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



161.3720, -34.8970, 32.2310



143.6520, -41.3170, 38.4510



175.1480, -4.5470, 43.8770



116.4820, -4.1730, 4.0430



24.1220, -62.4110, 57.3090

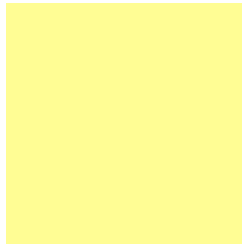


7.8830, -20.8190, 19.3810



# Previews

## White Background



This preview shows how the YIQ color 241.6280, 34.8970, -32.2310 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

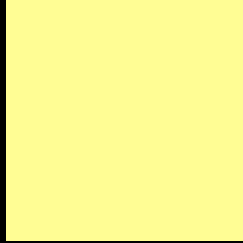
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 241.6280, 34.8970, -32.2310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

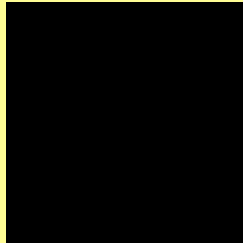
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 241.6280, 34.8970, -32.2310

## Background



This preview shows how black text looks on a background with the YIQ color 241.6280, 34.8970, -32.2310.



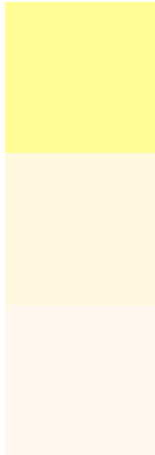
This preview shows how white text looks on a background with the YIQ color 241.6280, 34.8970,

-32.2310.

# 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

241.6280, 34.8970, -32.2310

### Protanopia

247.2430, 12.1970, -6.2910

### Deuteranopia

247.7790, 7.9320, -0.5800



## Tritanopia

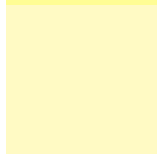
248.7880, 3.7130, 4.2970

# Trichromacy



## Original Color

241.6280, 34.8970, -32.2310



## Protanomaly

245.3390, 20.3140, -15.7340



## Deuteranomaly

245.7780, 17.7000, -12.4120



## Tritanomaly

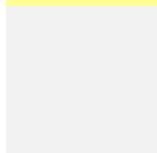
246.2170, 15.0860, -9.0900

# Monochromacy



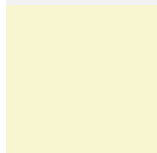
## Original Color

241.6280, 34.8970, -32.2310



## Achromatopsia

242.0000, -0.0000, 0.0000



## Achromatomaly

241.9670, 12.7940, -11.6060

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 241.6280, 34.8970, -32.2310 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(255, 253, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 148)  
}
```

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(255, 253, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 148) }
```

## Border

The CSS property to change the border of an element to YIQ 241.6280, 34.8970, -32.2310 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(255, 253, 148) }
```



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

```
.border{ border-color:rgb(255, 253, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
148) }
```

# Background

The CSS property to change the background color of an element to YIQ 241.6280, 34.8970, -32.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 148) }
```

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

```
.background{ background-color: rgb(255,  
253, 148) }
```

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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