

# Converting Colors

YIQ(239.0290, 26.2780,  
-35.7220)

Have a look what the booklet for  
YIQ(239.0290, 26.2780, -35.7220)  
contains.

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# Color

**YIQ(239.0290, 26.2780,  
-35.7220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2FF95
RGB	242, 255, 149
RGB Percent	95%, 100%, 58%
CMY	0.0511, 0.0000, 0.4155
CMYK	0.05, 0.00, 0.42, 0.00
HSL	67°, 100%, 79%
HSV	67°, 42%, 100%
XYZ	77.7981, 92.5643, 42.2200
YIQ	239.0290, 26.2780, -35.7220

# Conversions

## Conversions Part 2

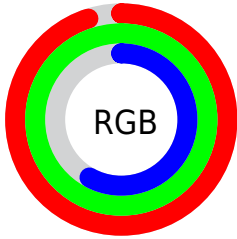
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 255, 162
Decimal	15925141
CIE <sub>Lab</sub>	97.05, -19.57, 49.07
CIE <sub>LCh</sub>	97, 52.832, 111.745
Yxy	92.5643, 0.3660, 0.4354
Android (android.graphics.Color)	4294115221 (0xFFFF2FF95)
YUV	239.0290, -44.3843, 2.6056
Hunter-Lab	96.2104, -24.0286, 41.3290

# Details

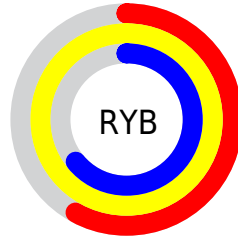
The YIQ color  $239.0290, 26.2780, -35.7220$  is a light color, and the websafe version is hex  $FFFF99$ . A complement of this color would be  $164.9710, -26.2780, 35.7220$ , and the grayscale version is  $239.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $249.3000, 16.0500, -15.5500$ , and  $182.1860, 24.3980, -34.6900$  is the 20% darker color. If you saturate the color by 10%, you get  $235.2820, 32.5150, -44.1330$ , and if you desaturate by 10%, it is  $242.8900, 19.7200, -27.0000$ .

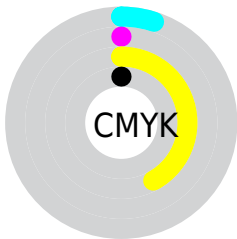
# Distribution



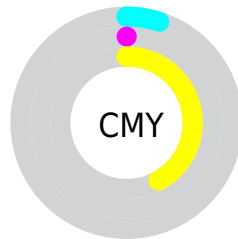
- Red (95%)
- Green (100%)
- Blue (58%)



- Red (58%)
- Yellow (100%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 239.0290, 26.2780, -35.7220 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 239.0290, 26.2780, -35.7220 by changing the saturation by 10% instead.





 239.0290, 26.2780,  
-35.7220

 239.0290, 26.2780,  
-35.7220


255.0000, -0.0000,  
-0.0000


 210.2570, 25.6360,  
-35.1000


 249.3000, 16.0500,  
-15.5500


 182.1860, 24.3980,  
-34.6900

 252.4920, 7.0620,  
-6.8420

 155.0010, 23.4810,  
-34.5910

 128.7020, 22.8850,  
-34.8030

 101.9470, 23.5730,  
-36.2590

 77.9020, 19.4460,  
-33.0500

 57.2250, 11.4670,

-26.1090

■ 35.9500, 2.2960,  
-19.5920

■ 17.0230, -7.9750,  
-15.1670

■ 239.0290, 26.2780,  
-35.7220

■ 239.0290, 26.2780,  
-35.7220

■ 235.2820, 32.5150,  
-44.1330

■ 242.8900, 19.7200,  
-27.0000

■ 231.4210, 39.0730,  
-52.8550

■ 246.6370, 13.4830,  
-18.5890

■ 227.6740, 45.3100,  
-61.2660

■ 250.4980, 6.9250,  
-9.8670

■ 223.5140, 51.2720,  
-70.2000

■ 254.5440, 1.2840,  
-1.2440

■ 219.7670, 57.5090, 255.0000, -0.0000,  
-78.6110 -0.0000

■ 216.6610, 63.3790,  
-85.8770

# Harmonies

## Analogous

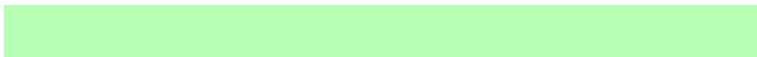
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.9540, 40.0310, -26.1530



239.0290, 26.2780, -35.7220



224.7370, -19.7540, -38.4900

# Triad

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



239.0290, 26.2780, -35.7220



178.7550, -151.9800, -54.0600



226.8240, 13.2000, 25.1040

# Complementary

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



239.0290, 26.2780, -35.7220



164.9710, -26.2780, 35.7220

# 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.



234.4550, 9.6250, 18.3050



239.0290, 26.2780, -35.7220



221.2130, -67.3480, -23.9560

# Square

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



239.0290, 26.2780, -35.7220



178.7550, -151.9800, -54.0600



237.8450, -9.6290, 3.8030



222.3950, 27.0490, 10.8970

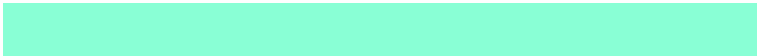


# Rectangle

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



239.0290, 26.2780, -35.7220



214.9300, -56.8460, -38.0780



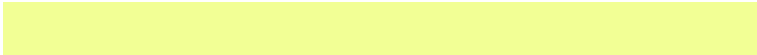
237.8450, -9.6290, 3.8030



228.5850, 12.3750, 23.5350

# Sweetspot

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



239.0290, 26.2780, -35.7220



250.2700, 7.5670, -10.4890



187.7380, 59.8760, 16.1960



125.0510, 3.9900, -6.2340



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

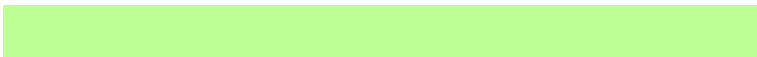
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.0290, 26.2780, -35.7220



235.7380, 31.2310, -42.8890



223.4810, -4.7140, -46.7460



125.9200, 2.9810, -4.4670



162.3490, 47.6030, -64.2770



54.3120, 15.7760, -21.6000



# Inverse Universe

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



164.9710, -26.2780, 35.7220



146.9630, -31.8270, 42.6770



180.5190, 4.7140, 46.7460



116.7810, -3.5770, 4.2550



28.9500, -47.0070, 64.4890

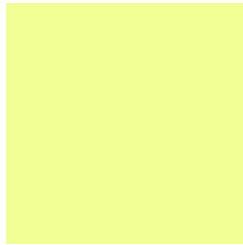


9.6880, -15.7760, 21.6000



# Previews

## White Background



This preview shows how the YIQ color 239.0290, 26.2780, -35.7220 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 239.0290, 26.2780, -35.7220 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 239.0290, 26.2780, -35.7220

## Background



This preview shows how black text looks on a background with the YIQ color 239.0290, 26.2780, -35.7220.



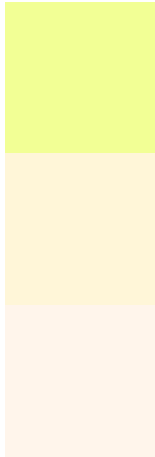
This preview shows how white text looks on a background with the YIQ color 239.0290, 26.2780,

-35.7220.

# 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

239.0290, 26.2780, -35.7220

### Protanopia

245.2710, 14.9940, -7.4220

### Deuteranopia

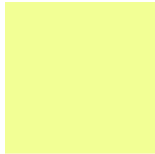
246.8500, 9.1700, -0.9900



## Tritanopia

247.6460, 1.2370, 5.1170

# Trichromacy



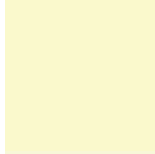
## Original Color

239.0290, 26.2780, -35.7220



## Protanomaly

242.8010, 18.8930, -17.5150



## Deuteranomaly

244.1690, 15.0410, -13.7830



## Tritanomaly

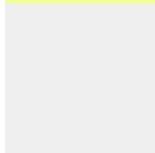
244.3520, 10.2720, -9.9520

# Monochromacy



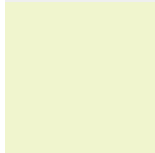
## Original Color

239.0290, 26.2780, -35.7220



## Achromatopsia

239.0000, -0.0000, -0.0000



## Achromatomaly

239.0590, 9.5390, -13.1890

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 239.0290, 26.2780, -35.7220 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(242, 255, 149)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 149)  
}
```

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(242, 255, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 149) }
```

## Border

The CSS property to change the border of an element to YIQ 239.0290, 26.2780, -35.7220 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(242, 255, 149) }
```



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

```
.border{ border-color:rgb(242, 255, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 255, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 255, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 255, 149); box-shadow:4px 4px 4px 4px rgb(242, 255, 149) }
```

# Background

The CSS property to change the background color of an element to YIQ 239.0290, 26.2780, -35.7220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 149) }
```

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

```
.background{ background-color: rgb(242,  
255, 149) }
```

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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