

Converting Colors

YIQ(239.3310, 39.9870,
-36.3730)

Have a look what the booklet for
YIQ(239.3310, 39.9870, -36.3730)
contains.

YIQ(239.3310, 39.9870, -36.3730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(239.3310, 39.9870,
-36.3730)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFC85
RGB	255, 252, 133
RGB Percent	100%, 99%, 52%
CMY	0.0001, 0.0117, 0.4782
CMYK	0.00, 0.01, 0.48, 0.00
HSL	59°, 100%, 76%
HSV	59°, 48%, 100%
XYZ	80.2817, 92.5718, 35.8503
YIQ	239.3310, 39.9870, -36.3730

Conversions

Conversions Part 2

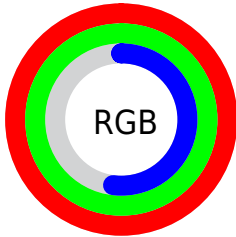
Format	Color
R _Y B	136, 255, 133
Decimal	16776325
CIE Lab	97.05, -14.66, 56.82
CIE LCh	97, 58.677, 104.469
Yxy	92.5718, 0.3847, 0.4436
Android (android.graphics.Color)	4294966405 (0xFFFFFC85)
YUV	239.3310, -52.4212, 13.7417
Hunter-Lab	96.2142, -19.4335, 45.2580

Details

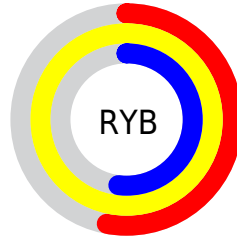
The YIQ color **239.3310, 39.9870, -36.3730** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **148.6690, -39.9870, 36.3730**, and the grayscale version is **240.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.3620, 21.5070, -20.8370**, and **182.6620, 37.5570, -36.3870** is the 20% darker color. If you saturate the color by 10%, you get **235.8940, 48.2870, -43.6250**, and if you desaturate by 10%, it is **242.8820, 31.3660, -28.8100**.

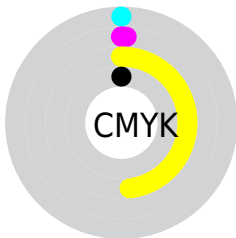
Distribution



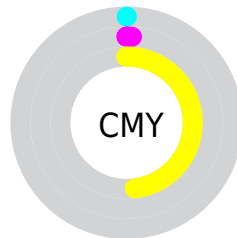
- Red (100%)
- Green (99%)
- Blue (52%)



- Red (53%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.3310, 39.9870, -36.3730 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 239.3310, 39.9870, -36.3730 by changing the saturation by 10% instead.

239.3310, 39.9870,
-36.3730

239.3310, 39.9870,
-36.3730

255.0000, -0.0000,
-0.0000

210.2600, 38.7490,
-35.9630

247.3620, 21.5070,
-20.8370

182.6620, 37.5570,
-36.3870

250.6680, 12.1980,
-11.8180

154.8900, 36.9150,
-35.7650

253.9740, 2.8890,
-2.7990

127.7220, 37.3280,
-37.7440

102.1670, 34.5770,
-37.4470

79.7180, 25.9560,
-29.8840

58.1440, 16.1890,

-23.5790

■ 37.7550, 7.3390,
-17.3730

■ 16.1480, -6.8290,
-13.9090

■ 239.3310, 39.9870,
-36.3730

■ 239.3310, 39.9870,
-36.3730

■ 235.8940, 48.2870,
-43.6250

■ 242.8820, 31.3660,
-28.8100

■ 232.9300, 56.6330,
-51.7110

■ 245.7320, 23.3410,
-21.0350

■ 229.4930, 64.9330,
-58.9630

■ 249.2830, 14.7200,
-13.4720

■ 226.5290, 73.2790,
-67.0490

■ 252.1330, 6.6950,
-5.6970

■ 223.0920, 81.5790, 255.0000, -0.0000,
-74.3010 -0.0000

■ 222.4080, 83.5050,
-76.1670

Harmonies

Analogous

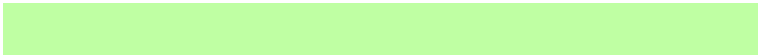
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.5200, 44.2490, -25.5030



239.3310, 39.9870, -36.3730



225.3760, -8.6120, -42.1800

Triad

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



239.3310, 39.9870, -36.3730



178.7550, -151.9800, -54.0600



225.0630, 14.0250, 26.6730

Complementary

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



239.3310, 39.9870, -36.3730



148.6690, -39.9870, 36.3730

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.



235.0420, 9.3500, 17.7820



239.3310, 39.9870, -36.3730



202.9740, -103.7040, -36.8880

Square

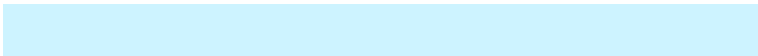
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.3310, 39.9870, -36.3730



178.7550, -151.9800, -54.0600



233.0060, -26.5000, -4.3240



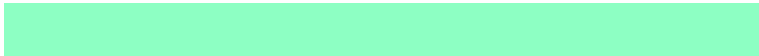
219.4260, 25.7640, 17.6680

Rectangle

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



239.3310, 39.9870, -36.3730



214.0740, -48.6840, -42.8280



233.0060, -26.5000, -4.3240



227.9980, 12.6500, 24.0580

Sweetspot

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



239.3310, 39.9870, -36.3730



250.3090, 11.8310, -10.6730



169.9340, 71.4280, 27.1080



124.9050, 7.3370, -6.3190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

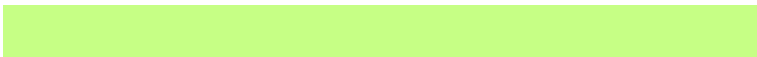
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.3310, 39.9870, -36.3730



236.1220, 47.6450, -43.0030



224.0490, 5.1900, -50.0260



125.9310, 4.4480, -3.5200



166.8780, 62.4110, -57.3090



55.5300, 21.0940, -18.8580

Inverse Universe

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



148.6690, -39.9870, 36.3730



128.2910, -47.3700, 43.5260



163.9510, -5.1900, 50.0260



116.4820, -4.1730, 4.0430



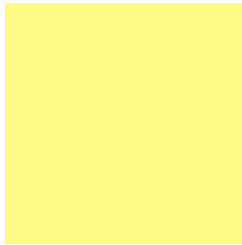
24.7090, -62.6860, 56.7860



8.4700, -21.0940, 18.8580

Previews

White Background



This preview shows how the YIQ color 239.3310, 39.9870, -36.3730 looks on a white background.

Color Contrast Check

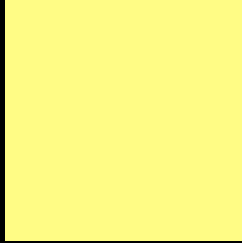
Large Text (above 18pt) WCAG AA × Fail

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 239.3310, 39.9870, -36.3730 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 239.3310, 39.9870, -36.3730

Background



This preview shows how black text looks on a background with the YIQ color 239.3310, 39.9870, -36.3730.



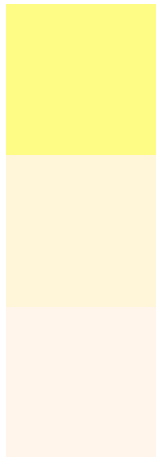
This preview shows how white text looks on a background with the YIQ color 239.3310, 39.9870, -36.3730.

-36.3730.

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

239.3310, 39.9870, -36.3730

Protanopia

245.3850, 14.6730, -7.1110

Deuteranopia

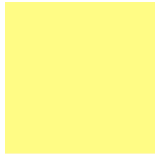
246.8500, 9.1700, -0.9900



Tritanopia

247.3860, 4.9050, 4.7210

Trichromacy



Original Color

239.3310, 39.9870, -36.3730



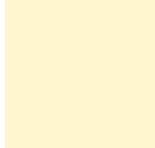
Protanomaly

243.0250, 24.0740, -17.7980



Deuteranomaly

244.3930, 20.2220, -14.0660



Tritanomaly

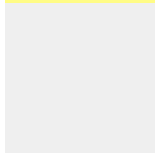
244.2450, 17.8830, -10.2210

Monochromacy



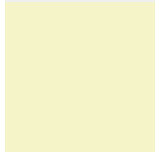
Original Color

239.3310, 39.9870, -36.3730



Achromatopsia

239.0000, -0.0000, -0.0000



Achromatomaly

239.2830, 14.7200, -13.4720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.3310, 39.9870, -36.3730 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, 252, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 133)  
}
```

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, 252, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 133) }
```

Border

The CSS property to change the border of an element to YIQ 239.3310, 39.9870, -36.3730 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, 252, 133) }
```


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

```
.border{ border-color:rgb(255, 252, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 239.3310, 39.9870, -36.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 133) }
```

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

```
.background{ background-color: rgb(255,  
252, 133) }
```

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