

Converting Colors

YIQ(239.7330, 38.7950,
-36.7970)

Have a look what the booklet for
YIQ(239.7330, 38.7950, -36.7970)
contains.

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Color

**YIQ(239.7330, 38.7950,
-36.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	FEFD86
RGB	254, 253, 134
RGB Percent	100%, 99%, 53%
CMY	0.0040, 0.0078, 0.4743
CMYK	0.00, 0.00, 0.47, 0.00
HSL	60°, 98%, 76%
HSV	60°, 47%, 100%
XYZ	80.2989, 93.0405, 36.3036
YIQ	239.7330, 38.7950, -36.7970

Conversions

Conversions Part 2

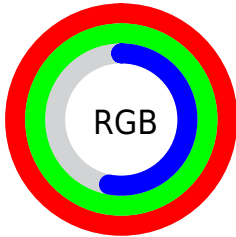
Format	Color
RYB	135, 254, 134
Decimal	16711046
CIELab	97.24, -15.45, 56.56
CIELCh	97, 58.636, 105.276
Yxy	93.0405, 0.3830, 0.4438
Android (android.graphics.Color)	4294901126 (0xFFFEFD86)
YUV	239.7330, -52.1264, 12.5122
Hunter-Lab	96.4575, -20.2030, 45.2053

Details

The YIQ color **239.7330, 38.7950, -36.7970** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **148.2670, -38.7950, 36.7970**, and the grayscale version is **240.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **247.4760, 21.1860, -20.5260**, and **183.0640, 36.3650, -36.8110** is the 20% darker color. If you saturate the color by 10%, you get **236.8830, 46.8200, -44.5720**, and if you desaturate by 10%, it is **242.5830, 30.7700, -29.0220**.

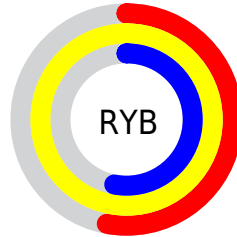
Distribution



Red (100%)

Green (99%)

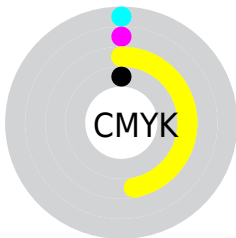
Blue (53%)



Red (53%)

Yellow (100%)

Blue (53%)

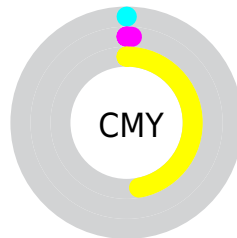


Cyan (0%)

Magenta (0%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (1%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.7330, 38.7950, -36.7970 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 239.7330, 38.7950, -36.7970 by changing the saturation by 10% instead.

239.7330, 38.7950,
-36.7970

239.7330, 38.7950,
-36.7970

255.0000, -0.0000,
-0.0000

210.6620, 37.5570,
-36.3870

247.4760, 21.1860,
-20.5260

183.1780, 36.0440,
-36.5000

250.7820, 11.8770,
-11.5070

155.2920, 35.7230,
-36.1890

254.0880, 2.5680,
-2.4880

128.2380, 35.8150,
-37.8570

102.4550, 33.7060,
-38.1820

80.0060, 25.0850,
-30.6190

58.7310, 15.9140,

-24.1020

■ 37.4560, 6.7430,
-17.5850

■ 16.7350, -7.1040,
-14.4320

■ 239.7330, 38.7950,
-36.7970

■ 239.7330, 38.7950,
-36.7970

■ 236.8830, 46.8200,
-44.5720

■ 242.5830, 30.7700,
-29.0220

■ 233.9190, 55.1660,
-52.6580

■ 245.5470, 22.4240,
-20.9360

■ 230.4820, 63.4660,
-59.9100

■ 248.9840, 14.1240,
-13.6840

■ 227.5180, 71.8120,
-67.9960

■ 251.9480, 5.7780,
-5.5980

■ 224.6680, 79.8370, 254.1140, -0.3210,
-75.7710 0.3110

■ 223.8700, 82.0840, 254.7010, -0.5960,
-77.9480 -0.2120

Harmonies

Analogous

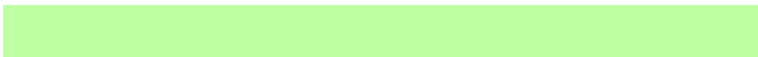
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.1070, 43.9740, -26.0260



239.7330, 38.7950, -36.7970



225.1910, -9.5290, -42.0810

Triad

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



239.7330, 38.7950, -36.7970



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.



239.7330, 38.7950, -36.7970



148.2670, -38.7950, 36.7970

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



239.7330, 38.7950, -36.7970



204.7680, -100.1280, -35.6160

Square

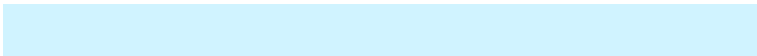
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.7330, 38.7950, -36.7970



178.7550, -151.9800, -54.0600



233.9030, -24.7120, -3.6880



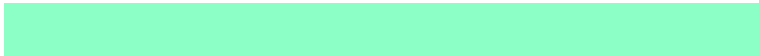
219.8990, 25.8100, 16.8340

Rectangle

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



239.7330, 38.7950, -36.7970



213.7040, -50.5180, -42.6300



233.9030, -24.7120, -3.6880



227.9980, 12.6500, 24.0580

Sweetspot

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



239.7330, 38.7950, -36.7970



250.8960, 11.5560, -11.1960



170.1080, 70.8780, 26.0620



124.9050, 7.3370, -6.3190



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

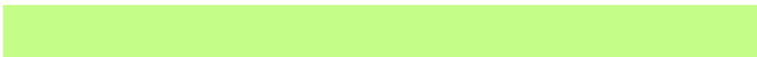
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.7330, 38.7950, -36.7970



237.8830, 46.8200, -44.5720



222.9780, 3.9520, -49.6160



125.9310, 4.4480, -3.5200



168.6390, 61.5860, -58.8780



56.1170, 20.8190, -19.3810

Inverse Universe

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



148.2670, -38.7950, 36.7970



127.1170, -46.8200, 44.5720



165.0220, -3.9520, 49.6160



116.4820, -4.1730, 4.0430



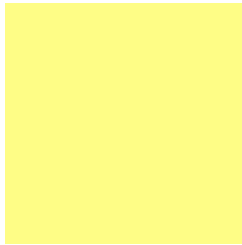
22.9480, -61.8610, 58.3550



7.8830, -20.8190, 19.3810

Previews

White Background



This preview shows how the YIQ color 239.7330, 38.7950, -36.7970 looks on a white background.

Color Contrast Check

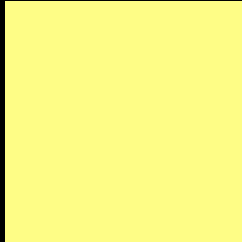
Large Text (above 18pt) WCAG AA × Fail

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 239.7330, 38.7950, -36.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

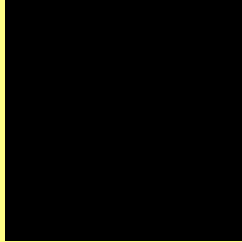
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.7330, 38.7950, -36.7970

Background



This preview shows how black text looks on a background with the YIQ color 239.7330, 38.7950, -36.7970.



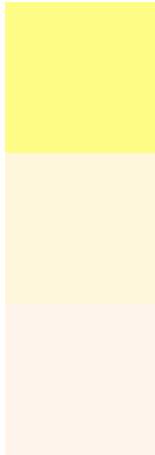
This preview shows how white text looks on a background with the YIQ color 239.7330, 38.7950,

-36.7970.

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

239.7330, 38.7950, -36.7970

Protanopia

246.2000, 13.7560, -7.0120

Deuteranopia

246.9640, 8.8490, -0.6790



Tritanopia

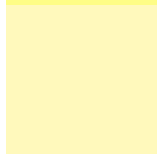
248.0870, 4.3090, 4.5090

Trichromacy



Original Color

239.7330, 38.7950, -36.7970



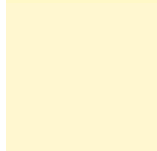
Protanomaly

243.8400, 23.1570, -17.6990



Deuteranomaly

244.5070, 19.9010, -13.7550



Tritanomaly

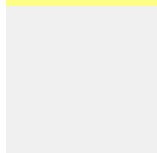
244.9460, 17.2870, -10.4330

Monochromacy



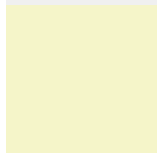
Original Color

239.7330, 38.7950, -36.7970



Achromatopsia

240.0000, -0.0000, -0.0000



Achromatomaly

239.9840, 14.1240, -13.6840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.7330, 38.7950, -36.7970 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(254, 253, 134)` looks like.

```
.text, #text, p{  
    color:rgb(254, 253, 134)  
}
```

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(254, 253, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 253, 134) }
```

Border

The CSS property to change the border of an element to YIQ 239.7330, 38.7950, -36.7970 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(254, 253, 134) }
```


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

```
.border{ border-color:rgb(254, 253, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 253, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 253, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 253, 134);  
box-shadow:4px 4px 4px 4px rgb(254, 253,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 239.7330, 38.7950, -36.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 253, 134) }
```

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

```
.background{ background-color: rgb(254,  
253, 134) }
```

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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