

Converting Colors

YIQ(240.0680, 30.5420,
-35.9060)

Have a look what the booklet for
YIQ(240.0680, 30.5420, -35.9060)
contains.

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Color

**YIQ(240.0680, 30.5420,
-35.9060)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FF91
RGB	247, 255, 145
RGB Percent	97%, 100%, 57%
CMY	0.0315, 0.0000, 0.4312
CMYK	0.03, 0.00, 0.43, 0.00
HSL	64°, 100%, 78%
HSV	64°, 43%, 100%
XYZ	79.2248, 93.3361, 40.6494
YIQ	240.0680, 30.5420, -35.9060

Conversions

Conversions Part 2

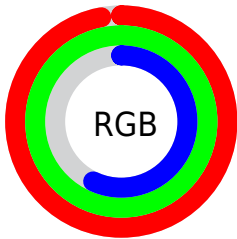
Format	Color
R _Y B	145, 255, 153
Decimal	16252817
CIE Lab	97.36, -18.08, 51.44
CIE LCh	97, 54.529, 109.366
Yxy	93.3361, 0.3716, 0.4378
Android (android.graphics.Color)	4294442897 (0xFFFF7FF91)
YUV	240.0680, -46.8685, 6.0794
Hunter-Lab	96.6106, -22.6909, 42.6808

Details

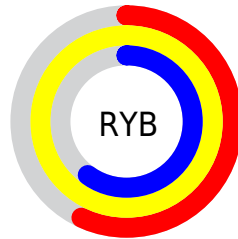
The YIQ color **240.0680, 30.5420, -35.9060** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **159.9320, -30.5420, 35.9060**, and the grayscale version is **240.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **248.8440, 17.3340, -16.7940**, and **183.2250, 28.6620, -34.8740** is the 20% darker color. If you saturate the color by 10%, you get **236.6200, 37.3750, -44.1050**, and if you desaturate by 10%, it is **243.6300, 23.3880, -27.3960**.

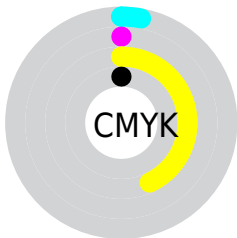
Distribution



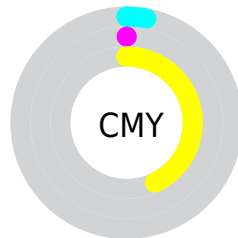
- Red (97%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (60%)



- Cyan (3%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 240.0680, 30.5420, -35.9060 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 240.0680, 30.5420, -35.9060 by changing the saturation by 10% instead.


 240.0680, 30.5420,
-35.9060


 240.0680, 30.5420,
-35.9060


255.0000, -0.0000,
-0.0000


 211.2960, 29.9000,
-35.2840


 248.8440, 17.3340,
-16.7940


 183.2250, 28.6620,
-34.8740

 252.0360, 8.3460,
-8.0860

 156.0400, 27.7450,
-34.7750

 129.3280, 26.8740,
-35.5100

 102.1170, 28.8460,
-38.2100

 79.0980, 21.8300,
-32.2020

 58.1220, 13.2550,

-25.4730

■ 36.8470, 4.0840,
-18.9560

■ 17.0230, -7.9750,
-15.1670

■ 240.0680, 30.5420,
-35.9060

■ 240.0680, 30.5420,
-35.9060

■ 236.6200, 37.3750,
-44.1050

■ 243.6300, 23.3880,
-27.3960

■ 233.0580, 44.5290,
-52.6150

■ 247.0780, 16.5550,
-19.1970

■ 229.6100, 51.3620,
-60.8140

■ 250.6400, 9.4010,
-10.6870

■ 226.3470, 59.1120,
-69.1120

■ 253.7890, 1.9720,
-2.7000

■ 222.8990, 65.9450, 255.0000, -0.0000,
-77.3110 -0.0000

■ 220.2490, 70.5310,
-83.3330

Harmonies

Analogous

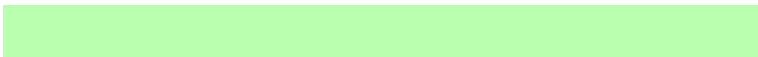
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.2530, 40.6270, -25.9410



240.0680, 30.5420, -35.9060



225.3630, -15.7650, -39.1970

Triad

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



240.0680, 30.5420, -35.9060



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.



240.0680, 30.5420, -35.9060



159.9320, -30.5420, 35.9060

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



240.0680, 30.5420, -35.9060



217.3260, -75.0960, -26.7120

Square

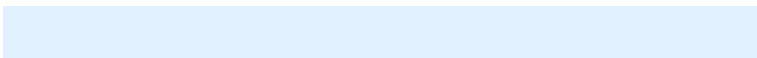
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.0680, 30.5420, -35.9060



178.7550, -151.9800, -54.0600



237.8120, -14.0300, 0.9620



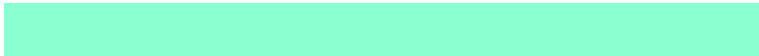
222.2640, 26.0400, 12.6640

Rectangle

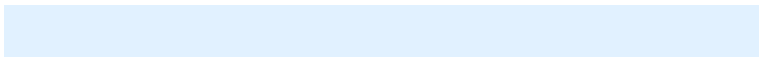
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



240.0680, 30.5420, -35.9060



214.9580, -54.0490, -39.2090



237.8120, -14.0300, 0.9620



229.1720, 12.1000, 23.0120

Sweetspot

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



240.0680, 30.5420, -35.9060



250.6400, 9.4010, -10.6870



181.9990, 63.6350, 19.6590



125.0080, 5.5490, -6.9550



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

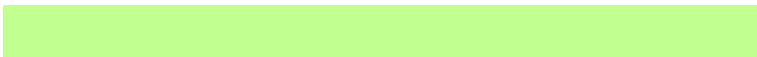
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.0680, 30.5420, -35.9060



236.8480, 36.7330, -43.4830



223.9220, -1.6420, -47.3540



126.2190, 3.5770, -4.2550



165.0400, 52.9670, -62.3690



55.2090, 17.5640, -20.9640

Inverse Universe

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



159.9320, -30.5420, 35.9060



140.1520, -36.7330, 43.4830



176.0780, 1.6420, 47.3540



116.7810, -3.5770, 4.2550



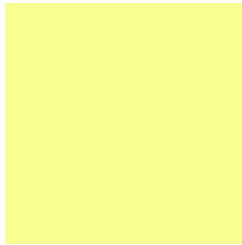
25.9600, -52.9670, 62.3690



8.7910, -17.5640, 20.9640

Previews

White Background



This preview shows how the YIQ color 240.0680, 30.5420, -35.9060 looks on a white background.

Color Contrast Check

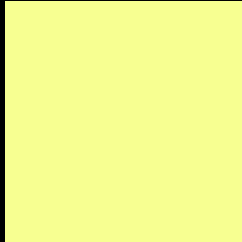
Large Text (above 18pt) WCAG AA × Fail

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 240.0680, 30.5420, -35.9060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

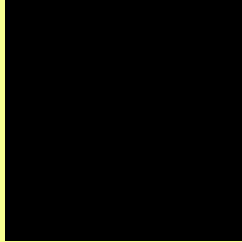
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 240.0680, 30.5420, -35.9060

Background



This preview shows how black text looks on a background with the YIQ color 240.0680, 30.5420, -35.9060.



This preview shows how white text looks on a background with the YIQ color 240.0680, 30.5420,

-35.9060.

Color Blindness Simulation

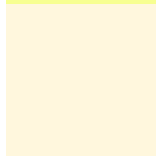
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



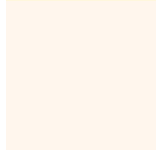
Original Color

240.0680, 30.5420, -35.9060



Protanopia

246.4280, 13.1140, -6.3900



Deuteranopia

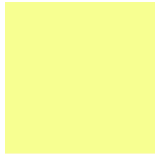
247.6650, 8.2530, -0.8910



Tritanopia

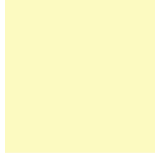
248.5430, 3.0250, 5.7530

Trichromacy



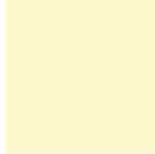
Original Color

240.0680, 30.5420, -35.9060



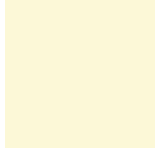
Protanomaly

244.1000, 19.4890, -17.3030



Deuteranomaly

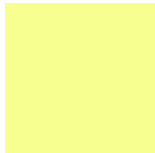
244.7670, 16.2330, -13.3590



Tritanomaly

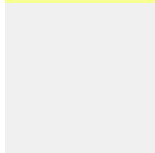
245.4340, 12.9770, -9.4150

Monochromacy



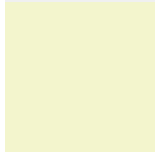
Original Color

240.0680, 30.5420, -35.9060



Achromatopsia

240.0000, -0.0000, -0.0000



Achromatomaly

239.8420, 11.6480, -12.8640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.0680, 30.5420, -35.9060 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(247, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 145)  
}
```

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(247, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 145) }
```

Border

The CSS property to change the border of an element to YIQ 240.0680, 30.5420, -35.9060 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(247, 255, 145) }
```


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

```
.border{ border-color:rgb(247, 255, 145) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 240.0680, 30.5420, -35.9060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 145) }
```

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

```
.background{ background-color: rgb(247,  
255, 145) }
```

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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