

Converting Colors

YIQ(174.3340, -27.1300,
-70.0260)

Have a look what the booklet for
YIQ(174.3340, -27.1300, -70.0260)
contains.

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Color

**YIQ(174.3340, -27.1300,
-70.0260)**

Conversions

Conversions Part 1

Format	Color
Hex	69E355
RGB	105, 227, 85
RGB Percent	41%, 89%, 33%
CMY	0.5886, 0.1096, 0.6666
CMYK	0.54, 0.00, 0.63, 0.11
HSL	112°, 72%, 61%
HSV	112°, 63%, 89%
XYZ	34.9371, 58.6193, 18.0677
YIQ	174.3340, -27.1300, -70.0260

Conversions

Conversions Part 2

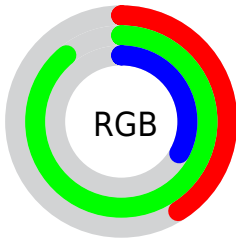
Format	Color
RYB	85, 227, 207
Decimal	6939477
CIELab	81.08, -60.29, 57.48
CIELCh	81, 83.298, 136.367
Yxy	58.6193, 0.3130, 0.5251
Android (android.graphics.Color)	4285129557 (0xFF69E355)
YUV	174.3340, -44.0417, -60.8059
Hunter-Lab	76.5633, -52.5332, 39.6028

Details

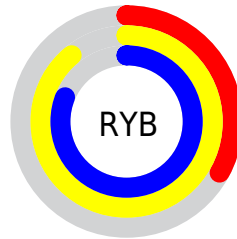
The YIQ color **174.3340, -27.1300, -70.0260** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **137.6660, 27.1300, 70.0260**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.9800, -16.7250, -54.8450**, and **112.9200, -34.8320, -73.6160** is the 20% darker color. If you saturate the color by 10%, you get **165.7320, -31.6670, -81.4190**, and if you desaturate by 10%, it is **182.6370, -23.1890, -58.8450**.

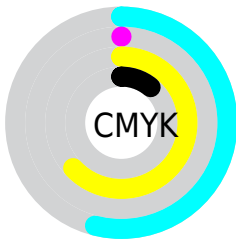
Distribution



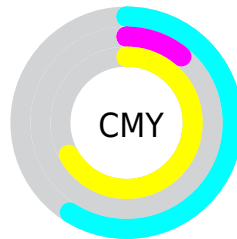
- Red (41%)
- Green (89%)
- Blue (33%)



- Red (33%)
- Yellow (89%)
- Blue (81%)



- Cyan (54%)
- Magenta (0%)
- Yellow (63%)
- Black (11%)



- Cyan (59%)
- Magenta (11%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.3340, -27.1300, -70.0260 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 174.3340, -27.1300, -70.0260 by changing the saturation by 10% instead.

■ 174.3340,
-27.1300, -70.0260

■ 174.3340,
-27.1300, -70.0260

■ 255.0000, -0.0000,
-0.0000

■ 144.5510,
-29.2390, -70.3510

■ 214.9800,
-16.7250, -54.8450

■ 113.2080,
-35.7030, -74.3510

■ 227.0280, -7.5120,
-40.0880

■ 83.9410, -39.3250,
-74.7890

■ 239.3040, 1.0590,
-24.7090

■ 68.6790, -32.1750,
-61.1910

■ 251.4660, 9.9510,
-9.6410

■ 53.4170, -25.0250,
-47.5930

■ 254.8860, 0.3210,
-0.3110

■ 38.7420, -18.1500,
-34.5180

■ 25.2410, -11.8250,

-22.4890

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,
0.0000

■ 174.3340,
-27.1300, -70.0260

■ 174.3340,
-27.1300, -70.0260

■ 165.7320,
-31.6670, -81.4190

■ 182.6370,
-23.1890, -58.8450

■ 157.5430,
-35.9290, -92.2890

■ 191.1250,
-18.3310, -47.7630

■ 148.9410,
-40.4660, -103.6820

■ 199.4280,
-14.3900, -36.5820

■ 142.8170,
-43.3530, -111.9370

■ 208.0300, -9.8530,
-25.1890

■ 216.6320, -5.3160,
-13.7960

■ 224.8210, -1.0540,
-2.9260

■ 233.4230, 3.4830,
8.4670

■ 238.5640, 7.7000,
14.6440

Harmonies

Analogous

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



184.3840, 57.6900, -65.3660



174.3340, -27.1300, -70.0260



156.4130, -116.6270, -72.5230

Triad

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



174.3340, -27.1300, -70.0260



158.2100, -142.3550, -35.7550



168.0880, 65.6030, 39.0670

Complementary

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



174.3340, -27.1300, -70.0260



137.6660, 27.1300, 70.0260

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.



179.3280, 39.4650, 61.2330



174.3340, -27.1300, -70.0260



180.8990, -62.4470, 2.8730

Square

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



174.3340, -27.1300, -70.0260



166.4280, -146.2050, -43.0770



199.8220, 25.8500, 49.1620



175.7290, 81.2900, 2.5540

Rectangle

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



174.3340, -27.1300, -70.0260



164.3300, -134.7860, -57.2980



199.8220, 25.8500, 49.1620



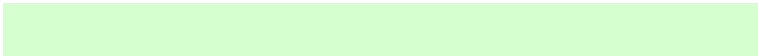
169.2910, 58.0820, 48.7220

Sweetspot

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



174.3340, -27.1300, -70.0260



236.9700, -9.6240, -23.8320



198.4850, 51.3570, -33.1790



116.8060, -5.8660, -14.8420



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.



174.3340, -27.1300, -70.0260



184.1900, -36.4330, -94.1690



174.0540, -55.1000, -58.7160



110.6420, -2.1080, -5.8520



112.5480, -34.3250, -88.3170



32.0300, -9.8530, -25.1890

Inverse Universe

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



137.6660, 27.1300, 70.0260



134.8100, 36.4330, 94.1690



137.9460, 55.1000, 58.7160



107.3580, 2.1080, 5.8520



66.1530, 33.7290, 88.1050



18.9700, 9.8530, 25.1890

Previews

White Background



This preview shows how the YIQ color 174.3340, -27.1300, -70.0260 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 174.3340, -27.1300, -70.0260 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

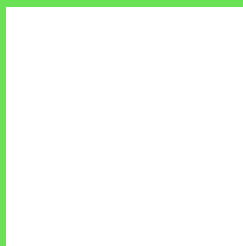
Any Text WCAG AAA ✓ Pass

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

YIQ 174.3340, -27.1300, -70.0260 Background



This preview shows how black text looks on a background with the YIQ color 174.3340, -27.1300, -70.0260.



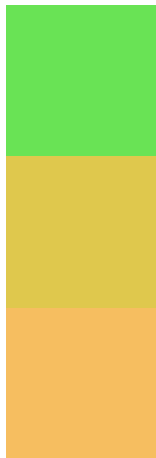
This preview shows how white text looks on a background with the YIQ color 174.3340, -27.1300, -70.0260.

-70.0260.

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

174.3340, -27.1300, -70.0260

Protanopia

192.8550, 53.1910, -33.3770

Deuteranopia

196.0280, 63.5500, -17.3620



Tritanopia

191.6160, -51.9450, -11.2490

Trichromacy



Original Color

174.3340, -27.1300, -70.0260



Protanomaly

186.2100, 23.8500, -46.7900



Deuteranomaly

187.9540, 30.8630, -36.2170



Tritanomaly

185.2200, -42.8630, -32.6790

Monochromacy



Original Color

174.3340, -27.1300, -70.0260



Achromatopsia

174.0000, -0.0000, -0.0000



Achromatomaly

174.0300, -9.8530, -25.1890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.3340, -27.1300, -70.0260 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(105, 227, 85)` looks like.

```
.text, #text, p{  
    color:rgb(105, 227, 85)  
}
```

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(105, 227, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 227, 85) }
```

Border

The CSS property to change the border of an element to YIQ 174.3340, -27.1300, -70.0260 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(105, 227, 85) }
```


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

```
.border{ border-color:rgb(105, 227, 85) }
```

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

Here you see how a box with a 4 pixel rgb(105, 227, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 227, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 227, 85);  
box-shadow:4px 4px 4px 4px rgb(105, 227,  
85) }
```

Background

The CSS property to change the background color of an element to YIQ 174.3340, -27.1300, -70.0260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 227, 85) }
```

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

```
.background{ background-color: rgb(105,  
227, 85) }
```

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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