

Converting Colors

YIQ(174.8190, -28.4990,
-105.8030)

Have a look what the booklet for
YIQ(174.8190, -28.4990, -105.8030)
contains.

YIQ(174.8190, -28.4990, -105.8030)	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(174.8190, -28.4990,
-105.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	52FB1A
RGB	82, 251, 26
RGB Percent	32%, 98%, 10%
CMY	0.6790, 0.0154, 0.8979
CMYK	0.67, 0.00, 0.90, 0.02
HSL	105°, 97%, 54%
HSV	105°, 90%, 98%
XYZ	38.1735, 70.9007, 12.6514
YIQ	174.8190, -28.4990, -105.8030

Conversions

Conversions Part 2

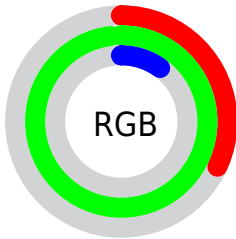
Format	Color
RYB	26, 251, 195
Decimal	5438234
CIELab	87.44, -76.95, 80.75
CIELCh	87, 111.537, 133.620
Yxy	70.9007, 0.3136, 0.5825
Android (android.graphics.Color)	4283628314 (0xFF52FB1A)
YUV	174.8190, -73.3678, -81.4023
Hunter-Lab	84.2025, -66.4309, 50.0334

Details

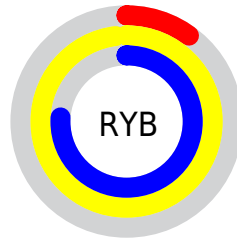
The YIQ color **174.8190, -28.4990, -105.8030** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark washed green. A complement of this color would be **102.1810, 28.4990, 105.8030**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **206.4190, -11.3120, -70.3520**, and **113.2910, -53.0750, -100.9390** is the 20% darker color. If you saturate the color by 10%, you get **166.2880, -31.7980, -117.6060**, and if you desaturate by 10%, it is **183.3500, -25.2000, -94.0000**.

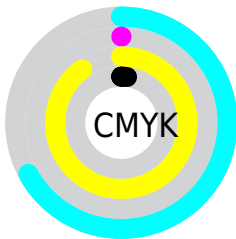
Distribution



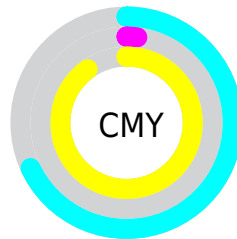
- Red (32%)
- Green (98%)
- Blue (10%)



- Red (10%)
- Yellow (98%)
- Blue (76%)



- Cyan (67%)
- Magenta (0%)
- Yellow (90%)
- Black (2%)



- Cyan (68%)
- Magenta (2%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.8190, -28.4990, -105.8030 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 174.8190, -28.4990, -105.8030 by changing the saturation by 10% instead.

■ 174.8190,
-28.4990, -105.8030

■ 174.8190,
-28.4990, -105.8030

■ 255.0000, -0.0000,
-0.0000

■ 139.5830,
-42.5740, -109.5340

■ 206.4190,
-11.3120, -70.3520

■ 113.2910,
-53.0750, -100.9390

■ 219.4070, -1.8700,
-54.2380

■ 96.8550, -45.3750,
-86.2950

■ 232.3950, 7.5720,
-38.1240

■ 80.4190, -37.6750,
-71.6510

■ 245.2690, 17.3350,
-22.3210

■ 64.5700, -30.2500,
-57.5300

■ 250.7820, 11.8770,
-11.5070

■ 49.3080, -23.1000,
-43.9320

■ 254.2020, 2.2470,

■ 35.2200, -16.5000,

-2.1770

-31.3800

■ 19.3710, -9.0750,
-17.2590

■ 0.0000, 0.0000,
0.0000

■ 174.8190,
-28.4990, -105.8030

■ 174.8190,
-28.4990, -105.8030

■ 166.2880,
-31.7980, -117.6060

■ 183.3500,
-25.2000, -94.0000

■ 165.8750,
-32.0730, -118.1290

■ 191.8810,
-21.9010, -82.1970

■ 200.1130,
-19.1980, -70.6060

■ 208.6440,
-15.8990, -58.8030

■ 217.2890,
-12.9210, -46.6890

■ 225.8200, -9.6220,
-34.8860

■ 234.3510, -6.3230,
-23.0830

■ 242.8820, -3.0240,
-11.2800

■ 251.4130, 0.2750,
0.5230

Harmonies

Analogous

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



200.4910, 67.2740, -73.8620



174.8190, -28.4990, -105.8030



167.3550, -119.8800, -85.1600

Triad

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



174.8190, -28.4990, -105.8030



174.6460, -150.0550, -50.3990



147.3780, 71.5590, 63.2950

Complementary

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



174.8190, -28.4990, -105.8030



102.1810, 28.4990, 105.8030

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.



166.3630, 41.5250, 78.9730



174.8190, -28.4990, -105.8030



155.8620, -141.2550, -33.6630

Square

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



174.8190, -28.4990, -105.8030



178.7550, -151.9800, -54.0600



202.1700, 24.7500, 47.0700



166.1600, 90.3220, 4.0660

Rectangle

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



174.8190, -28.4990, -105.8030



175.9050, -143.9550, -61.8350



202.1700, 24.7500, 47.0700



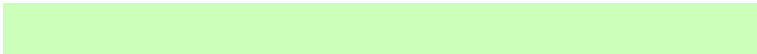
148.4330, 61.6990, 76.7950

Sweetspot

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



174.8190, -28.4990, -105.8030



231.5860, -8.8430, -32.4830



192.4780, 87.6250, -40.6870



114.0570, -5.3150, -19.3230



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.



174.8190, -28.4990, -105.8030



168.5220, -32.5770, -120.0090



164.4590, -79.8510, -100.2590



120.8270, -1.1910, -5.9510



124.9960, -23.9630, -88.8830



40.2920, -7.8350, -28.7230

Inverse Universe

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



102.1810, 28.4990, 105.8030



86.4780, 32.5770, 120.0090



112.5410, 79.8510, 100.2590



116.4720, 1.7870, 6.1630



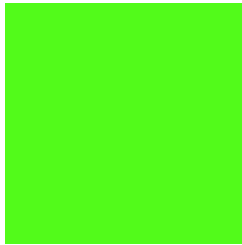
64.0040, 23.9630, 88.8830



20.7080, 7.8350, 28.7230

Previews

White Background



This preview shows how the YIQ color 174.8190, -28.4990, -105.8030 looks on a white background.

Color Contrast Check

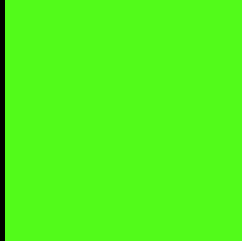
Large Text (above 18pt) WCAG AA × Fail

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 174.8190, -28.4990, -105.8030 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 174.8190, -28.4990, -105.8030 Background



This preview shows how black text looks on a background with the YIQ color 174.8190, -28.4990, -105.8030.



This preview shows how white text looks on a background with the YIQ color 174.8190, -28.4990, -105.8030.

-105.8030.

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

174.8190, -28.4990, -105.8030

Protanopia

202.2470, 83.1810, -59.2750

Deuteranopia

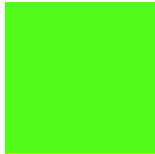
215.4750, 49.2900, -12.2300



Tritanopia

204.0700, -68.0830, -16.1390

Trichromacy



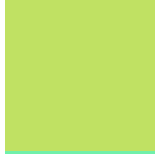
Original Color

174.8190, -28.4990, -105.8030



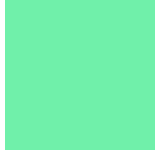
Protanomaly

192.3340, 42.7910, -76.1930



Deuteranomaly

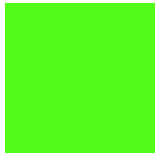
200.7690, 20.7780, -46.1820



Tritanomaly

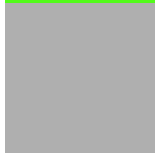
193.7480, -53.8180, -48.9060

Monochromacy



Original Color

174.8190, -28.4990, -105.8030



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

175.1140, -10.6300, -38.6460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.8190, -28.4990, -105.8030 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(82, 251, 26)` looks like.

```
.text, #text, p{  
    color:rgb(82, 251, 26)  
}
```

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(82, 251, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 251, 26) }
```

Border

The CSS property to change the border of an element to YIQ 174.8190, -28.4990, -105.8030 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(82, 251, 26) }
```


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

```
.border{ border-color:rgb(82, 251, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 251, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 251, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 251, 26);  
box-shadow:4px 4px 4px 4px rgb(82, 251,  
26) }
```

Background

The CSS property to change the background color of an element to YIQ 174.8190, -28.4990, -105.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 251, 26) }
```

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

```
.background{ background-color: rgb(82, 251,  
26) }
```

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