

Converting Colors

YIQ(151.0990, -79.6180,
-121.0100)

Have a look what the booklet for
YIQ(151.0990, -79.6180, -121.0100)
contains.

YIQ(151.0990, -79.6180, -121.0100)	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(151.0990, -79.6180,
-121.0100)**

Conversions

Conversions Part 1

Format	Color
Hex	00FB21
RGB	0, 251, 33
RGB Percent	0%, 98%, 13%
CMY	1.0000, 0.0153, 0.8707
CMYK	1.00, 0.00, 0.87, 0.02
HSL	128°, 100%, 49%
HSV	128°, 100%, 98%
XYZ	34.8040, 69.1695, 12.9528
YIQ	151.0990, -79.6180, -121.0100

Conversions

Conversions Part 2

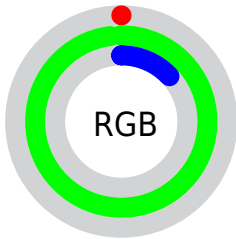
Format	Color
RYB	0, 222, 251
Decimal	64289
CIELab	86.59, -84.48, 78.51
CIELCh	87, 115.329, 137.096
Yxy	69.1695, 0.2977, 0.5916
Android (android.graphics.Color)	4278254369 (0xFF00FB21)
YUV	151.0990, -58.2228, -132.5138
Hunter-Lab	83.1682, -70.8463, 48.9838

Details

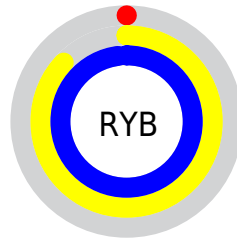
The YIQ color **151.0990, -79.6180, -121.0100** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **99.9010, 79.6180, 121.0100**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.5950, -32.5390, -76.6270**, and **113.2910, -53.0750, -100.9390** is the 20% darker color. If you saturate the color by 10%, you get **151.0990, -79.6180, -121.0100**, and if you desaturate by 10%, it is **161.0820, -71.7800, -108.8680**.

Distribution



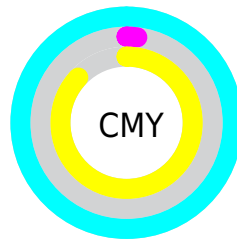
- Red (0%)
- Green (98%)
- Blue (13%)



- Red (0%)
- Yellow (87%)
- Blue (98%)



- Cyan (100%)
- Magenta (0%)
- Yellow (87%)
- Black (2%)



- Cyan (100%)
- Magenta (2%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.0990, -79.6180, -121.0100 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 151.0990, -79.6180, -121.0100 by changing the saturation by 10% instead.

■ 151.0990,
-79.6180, -121.0100

■ 151.0990,
-79.6180, -121.0100

■ 255.0000, -0.0000,
-0.0000

■ 130.3140,
-61.0500, -116.1060

■ 196.5950,
-32.5390, -76.6270

■ 113.2910,
-53.0750, -100.9390

■ 210.7790,
-20.7130, -59.6650

■ 96.2680, -45.1000,
-85.7720

■ 223.9520,
-10.3540, -43.6500

■ 79.8320, -37.4000,
-71.1280

■ 237.2390, -0.3160,
-27.3240

■ 63.9830, -29.9750,
-57.0070

■ 250.5260, 9.7220,
-10.9980

■ 48.7210, -22.8250,
-43.4090

■ 254.5440, 1.2840,

■ 33.4590, -15.6750,

-1.2440

-29.8110

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 151.0990,
-79.6180, -121.0100

■ 161.0820,
-71.7800, -108.8680

■ 171.0650,
-63.9420, -96.7260

■ 180.9340,
-55.7830, -84.8950

■ 190.9170,
-47.9450, -72.7530

■ 201.1990,
-39.5110, -60.3990

■ 211.1820,
-31.6730, -48.2570

■ 221.1650,
-23.8350, -36.1150

■ 231.0340,
-15.6760, -24.2840

■ 241.0170, -7.8380,
-12.1420

Harmonies

Analogous

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



195.9950, 56.8670, -77.9890



151.0990, -79.6180, -121.0100



168.3810, -122.7690, -82.3610

Triad

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



151.0990, -79.6180, -121.0100



172.2980, -148.9550, -48.3070



139.0970, 79.7200, 64.0720

Complementary

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



151.0990, -79.6180, -121.0100



99.9010, 79.6180, 121.0100

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.



154.6230, 47.0250, 89.4330



151.0990, -79.6180, -121.0100



151.7530, -139.3300, -30.0020

Square

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



151.0990, -79.6180, -121.0100



178.7550, -151.9800, -54.0600



194.5390, 28.3250, 53.8690



164.1250, 97.4300, -3.6100

Rectangle

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



151.0990, -79.6180, -121.0100



177.1590, -147.4860, -58.4140



194.5390, 28.3250, 53.8690



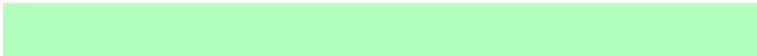
136.1570, 71.4640, 81.5440

Sweetspot

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



151.0990, -79.6180, -121.0100



224.7520, -24.1100, -36.6380



213.7150, 63.2870, -84.2090



109.6860, -14.5760, -22.1920



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.



151.0990, -79.6180, -121.0100



153.4470, -80.7180, -123.1020



165.0070, -118.7800, -83.0680



119.8590, -4.2170, -6.1770



113.7930, -60.0000, -91.0720



36.7190, -19.3430, -29.4150

Inverse Universe

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



99.9010, 79.6180, 121.0100



101.5530, 80.7180, 123.1020



85.9930, 118.7800, 83.0680



117.1410, 4.2170, 6.1770



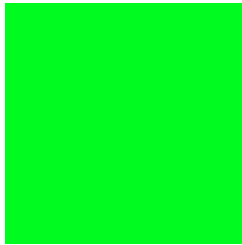
75.2070, 60.0000, 91.0720



24.2810, 19.3430, 29.4150

Previews

White Background



This preview shows how the YIQ color 151.0990, -79.6180, -121.0100 looks on a white background.

Color Contrast Check

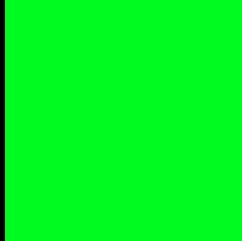
Large Text (above 18pt) WCAG AA × Fail

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 151.0990, -79.6180, -121.0100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

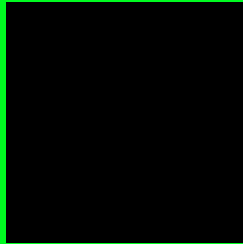
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

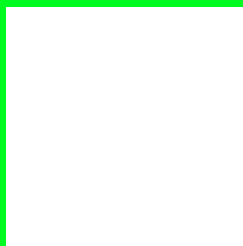
Any Text WCAG AAA ✓ Pass

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

YIQ 151.0990, -79.6180, -121.0100 Background



This preview shows how black text looks on a background with the YIQ color 151.0990, -79.6180, -121.0100.



This preview shows how white text looks on a background with the YIQ color 151.0990, -79.6180, -121.0100.

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

151.0990, -79.6180, -121.0100

Protanopia

200.9570, 78.3660, -54.6100

Deuteranopia

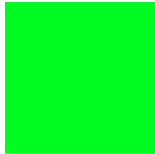
212.5740, 53.3250, -13.7710



Tritanopia

197.5950, -82.9830, -21.4390

Trichromacy



Original Color

151.0990, -79.6180, -121.0100



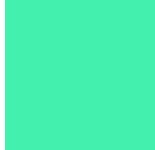
Protanomaly

182.7320, 21.0590, -78.8210



Deuteranomaly

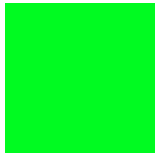
190.1690, 4.7320, -52.7400



Tritanomaly

180.6350, -81.6010, -57.5130

Monochromacy



Original Color

151.0990, -79.6180, -121.0100



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

150.7850, -28.8770, -43.8610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0990, -79.6180, -121.0100 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(0, 251, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 251, 33)  
}
```

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(0, 251, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 251, 33) }
```

Border

The CSS property to change the border of an element to YIQ 151.0990, -79.6180, -121.0100 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(0, 251, 33) }
```


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

```
.border{ border-color:rgb(0, 251, 33) }
```

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

Here you see how a box with a 4 pixel rgb(0, 251, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 251, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 251, 33);  
box-shadow:4px 4px 4px 4px rgb(0, 251, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 151.0990, -79.6180, -121.0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 251, 33) }
```

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

```
.background{ background-color: rgb(0, 251,  
33) }
```

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