

Converting Colors

YIQ(151.0020, -77.9670,
-123.3990)

Have a look what the booklet for
YIQ(151.0020, -77.9670, -123.3990)
contains.

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Color

**YIQ(151.0020, -77.9670,
-123.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	00FC1B
RGB	0, 252, 27
RGB Percent	0%, 99%, 11%
CMY	1.0000, 0.0113, 0.8942
CMYK	1.00, 0.00, 0.89, 0.01
HSL	126°, 100%, 49%
HSV	126°, 100%, 99%
XYZ	35.0409, 69.7660, 12.6542
YIQ	151.0020, -77.9670, -123.3990

Conversions

Conversions Part 2

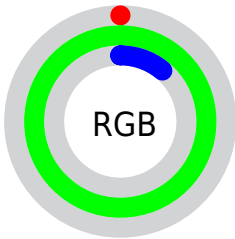
Format	Color
RYB	0, 228, 252
Decimal	64539
CIELab	86.88, -84.93, 79.78
CIELCh	87, 116.529, 136.792
Yxy	69.7660, 0.2983, 0.5939
Android (android.graphics.Color)	4278254619 (0xFF00FC1B)
YUV	151.0020, -61.1330, -132.4288
Hunter-Lab	83.5260, -71.2860, 49.4858

Details

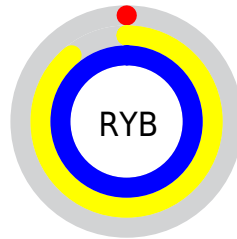
The YIQ color **151.0020, -77.9670, -123.3990** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark saturated green. A complement of this color would be **100.9980, 77.9670, 123.3990**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.6660, -31.3010, -77.0370**, and **113.2910, -53.0750, -100.9390** is the 20% darker color. If you saturate the color by 10%, you get **151.0020, -77.9670, -123.3990**, and if you desaturate by 10%, it is **160.9850, -70.1290, -111.2570**.

Distribution



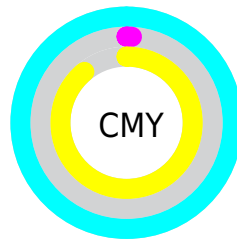
- Red (0%)
- Green (99%)
- Blue (11%)



- Red (0%)
- Yellow (89%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (89%)
- Black (1%)



- Cyan (100%)
- Magenta (1%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.0020, -77.9670, -123.3990 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 151.0020, -77.9670, -123.3990 by changing the saturation by 10% instead.

■ 151.0020,
-77.9670, -123.3990

■ 151.0020,
-77.9670, -123.3990

■ 255.0000, -0.0000,
-0.0000

■ 130.9010,
-61.3250, -116.6290

■ 196.6660,
-31.3010, -77.0370

■ 113.8780,
-53.3500, -101.4620

■ 210.5510,
-20.0710, -60.2870

■ 96.8550, -45.3750,
-86.2950

■ 224.0230, -9.1160,
-44.0600

■ 80.4190, -37.6750,
-71.6510

■ 237.3100, 0.9220,
-27.7340

■ 64.5700, -30.2500,
-57.5300

■ 250.1840, 10.6850,
-11.9310

■ 48.7210, -22.8250,
-43.4090

■ 254.3160, 1.9260,

■ 34.0460, -15.9500,

-1.8660

-30.3340

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 151.0020,
-77.9670, -123.3990

■ 160.9850,
-70.1290, -111.2570

■ 171.0820,
-62.6120, -98.8040

■ 181.4780,
-54.4990, -86.1390

■ 191.4610,
-46.6610, -73.9970

■ 201.5580,
-39.1440, -61.5440

■ 211.5410,
-31.3060, -49.4020

■ 221.6380,
-23.7890, -36.9490

■ 231.9200,
-15.3550, -24.5950

■ 242.0170, -7.8380,
-12.1420

Harmonies

Analogous

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



197.1800, 57.7840, -78.0880



151.0020, -77.9670, -123.3990



168.2670, -122.4480, -82.6720

Triad

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



151.0020, -77.9670, -123.3990



172.8850, -149.2300, -48.8300



137.4500, 80.2240, 65.9520

Complementary

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



151.0020, -77.9670, -123.3990



100.9980, 77.9670, 123.3990

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.



153.4490, 47.5750, 90.4790



151.0020, -77.9670, -123.3990



152.3400, -139.6050, -30.5250

Square

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



151.0020, -77.9670, -123.3990



178.7550, -151.9800, -54.0600



195.1260, 28.0500, 53.3460



163.5380, 97.7050, -3.0870

Rectangle

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



151.0020, -77.9670, -123.3990



177.1590, -147.4860, -58.4140



195.1260, 28.0500, 53.3460



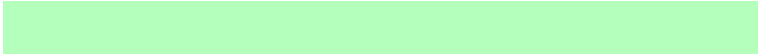
134.0370, 71.9220, 84.2580

Sweetspot

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



151.0020, -77.9670, -123.3990



224.5240, -23.4680, -37.2600



215.7970, 65.9920, -83.6720



109.5720, -14.2550, -22.5030



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.



151.0020, -77.9670, -123.3990



152.7630, -78.7920, -124.9680



165.1380, -117.7710, -84.8350



119.8590, -4.2170, -6.1770



113.2230, -58.3950, -92.6270



36.6050, -19.0220, -29.7260

Inverse Universe

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



100.9980, 77.9670, 123.3990



102.2370, 78.7920, 124.9680



86.8620, 117.7710, 84.8350



117.2550, 3.8960, 6.4880



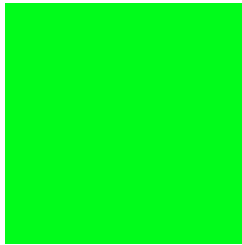
75.7770, 58.3950, 92.6270



24.5090, 18.7010, 30.0370

Previews

White Background



This preview shows how the YIQ color 151.0020, -77.9670, -123.3990 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 151.0020, -77.9670, -123.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

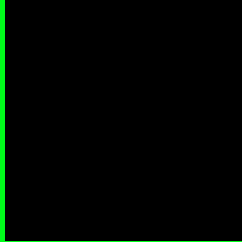
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

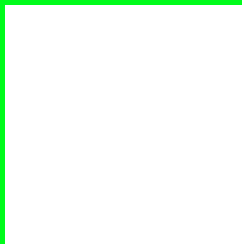
Any Text WCAG AAA ✓ Pass

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

YIQ 151.0020, -77.9670, -123.3990 Background



This preview shows how black text looks on a background with the YIQ color 151.0020, -77.9670, -123.3990.



This preview shows how white text looks on a background with the YIQ color 151.0020, -77.9670, -123.3990.

-123.3990.

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

151.0020, -77.9670, -123.3990

Protanopia

200.4750, 82.5390, -58.6530

Deuteranopia

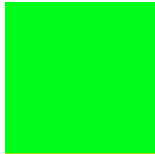
213.5030, 52.0870, -13.3610



Tritanopia

197.8940, -82.3870, -21.2270

Trichromacy



Original Color

151.0020, -77.9670, -123.3990



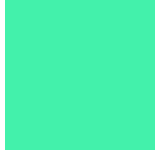
Protanomaly

182.5920, 24.2690, -81.9310



Deuteranomaly

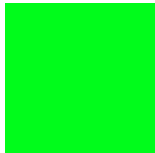
190.6420, 4.7780, -53.5740



Tritanomaly

180.9940, -81.2340, -58.6580

Monochromacy



Original Color

151.0020, -77.9670, -123.3990



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.1440, -28.5100, -45.0060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0020, -77.9670, -123.3990 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, 252, 27)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 27)  
}
```

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, 252, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 27) }
```

Border

The CSS property to change the border of an element to YIQ 151.0020, -77.9670, -123.3990 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, 252, 27) }
```


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

```
.border{ border-color:rgb(0, 252, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 27);  
box-shadow:4px 4px 4px 4px rgb(0, 252, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 151.0020, -77.9670, -123.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 27) }
```

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

```
.background{ background-color: rgb(0, 252,  
27) }
```

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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