

Converting Colors

YIQ(149.0030, -95.7620,
-92.7380)

Have a look what the booklet for
YIQ(149.0030, -95.7620, -92.7380)
contains.

YIQ(149.0030, -95.7620, -92.7380)	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(149.0030, -95.7620,
-92.7380)**

Conversions

Conversions Part 1

Format	Color
Hex	00EB61
RGB	0, 235, 97
RGB Percent	0%, 92%, 38%
CMY	1.0000, 0.0780, 0.6199
CMYK	1.00, 0.00, 0.59, 0.08
HSL	145°, 100%, 46%
HSV	145°, 100%, 92%
XYZ	31.8909, 60.3348, 21.2572
YIQ	149.0030, -95.7620, -92.7380

Conversions

Conversions Part 2

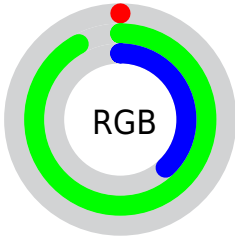
Format	Color
RYB	0, 166, 235
Decimal	60257
CIELab	82.02, -75.06, 52.98
CIELCh	82, 91.872, 144.786
Yxy	60.3348, 0.2810, 0.5317
Android (android.graphics.Color)	4278250337 (0xFF00EB61)
YUV	149.0030, -25.6375, -130.6756
Hunter-Lab	77.6755, -62.6460, 38.1471

Details

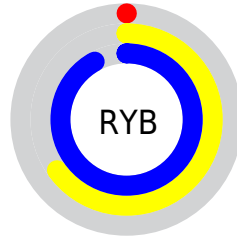
The YIQ color **149.0030, -95.7620, -92.7380** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **85.9970, 95.7620, 92.7380**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **200.0880, -52.4400, -62.8720**, and **108.6870, -62.1570, -79.5090** is the 20% darker color. If you saturate the color by 10%, you get **149.0030, -95.7620, -92.7380**, and if you desaturate by 10%, it is **157.7750, -85.9520, -83.2960**.

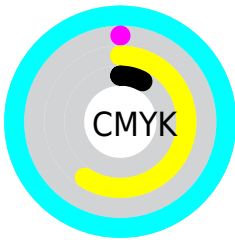
Distribution



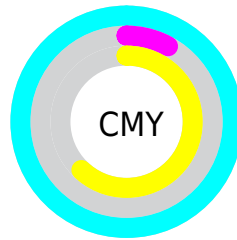
- Red (0%)
- Green (92%)
- Blue (38%)



- Red (0%)
- Yellow (65%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (59%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.0030, -95.7620, -92.7380 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 149.0030, -95.7620, -92.7380 by changing the saturation by 10% instead.

■ 149.0030,
-95.7620, -92.7380

■ 149.0030,
-95.7620, -92.7380

■ 255.0000, -0.0000,
-0.0000

■ 128.9020,
-79.1200, -85.9680

■ 200.0880,
-52.4400, -62.8720

■ 109.2740,
-62.4320, -80.0320

■ 213.4460,
-41.1640, -46.9560

■ 88.6200, -42.8550,
-76.8950

■ 226.5050,
-30.4840, -31.2520

■ 71.6140, -33.5500,
-63.8060

■ 239.3790,
-20.7210, -15.4490

■ 56.3520, -26.4000,
-50.2080

■ 250.8140, -8.3440,
-2.9680

■ 41.0900, -19.2500,
-36.6100

■ 26.4150, -12.3750,

-23.5350

■ 7.6310, -3.5750,
-6.7990

■ 0.0000, 0.0000,
0.0000

■ 149.0030,
-95.7620, -92.7380

■ 157.7750,
-85.9520, -83.2960

■ 166.2480,
-76.7380, -74.0660

■ 174.9060,
-66.6070, -64.9350

■ 183.3790,
-57.3930, -55.7050

■ 192.1510,
-47.5830, -46.2630

■ 200.6240,
-38.3690, -37.0330

■ 209.3960,
-28.5590, -27.5910

■ 217.7550,
-19.0240, -18.6720

■ 226.5270, -9.2140,
-9.2300

Harmonies

Analogous

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



181.1660, 43.2040, -78.1720



149.0030, -95.7620, -92.7380



163.2580, -126.2560, -68.7200

Triad

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



149.0030, -95.7620, -92.7380



157.6230, -142.0800, -35.2320



162.8900, 74.7280, 33.3840

Complementary

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



149.0030, -95.7620, -92.7380



85.9970, 95.7620, 92.7380

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.



167.4110, 49.5970, 64.8370



149.0030, -95.7620, -92.7380



189.9570, -32.8310, 16.8090

Square

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



149.0030, -95.7620, -92.7380



167.6020, -146.7550, -44.1230



191.0170, 29.9750, 57.0070



176.1900, 89.6370, -11.0590

Rectangle

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



149.0030, -95.7620, -92.7380



170.6850, -145.7910, -50.5830



191.0170, 29.9750, 57.0070



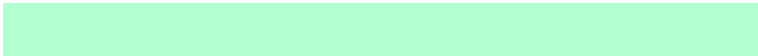
161.3860, 67.9400, 46.2760

Sweetspot

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



149.0030, -95.7620, -92.7380



227.1460, -30.8510, -30.1070



180.1040, 19.4110, -93.0130



111.1680, -18.7490, -18.1490



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.



149.0030, -95.7620, -92.7380



161.6550, -103.8300, -100.7100



162.1130, -132.6770, -56.9730



112.9130, -4.3090, -4.5090



114.7970, -73.8500, -71.3380



34.2060, -21.9120, -21.4000

Inverse Universe

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



85.9970, 95.7620, 92.7380



93.3450, 103.8300, 100.7100



73.0010, 132.3560, 57.2840



109.9730, 4.6300, 4.1980



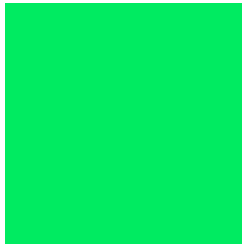
66.2030, 73.8500, 71.3380



19.6800, 22.2330, 21.0890

Previews

White Background



This preview shows how the YIQ color 149.0030, -95.7620, -92.7380 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 149.0030, -95.7620, -92.7380 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 149.0030, -95.7620, -92.7380 Background



This preview shows how black text looks on a background with the YIQ color 149.0030, -95.7620, -92.7380.



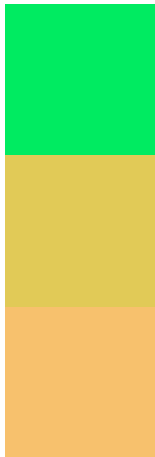
This preview shows how white text looks on a background with the YIQ color 149.0030, -95.7620, -92.7380.

-92.7380.

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

149.0030, -95.7620, -92.7380

Protanopia

195.7670, 50.6230, -30.8890

Deuteranopia

199.5700, 59.1480, -14.6760



Tritanopia

184.6660, -81.7450, -21.8490

Trichromacy



Original Color

149.0030, -95.7620, -92.7380



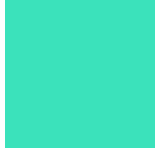
Protanomaly

178.7490, -2.8330, -53.3050



Deuteranomaly

181.0090, 2.6670, -42.8450



Tritanomaly

171.6210, -87.0130, -47.5330

Monochromacy



Original Color

149.0030, -95.7620, -92.7380



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.8850, -34.6100, -33.5700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.0030, -95.7620, -92.7380 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, 235, 97)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 97)  
}
```

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, 235, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 97) }
```

Border

The CSS property to change the border of an element to YIQ 149.0030, -95.7620, -92.7380 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, 235, 97) }
```


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

```
.border{ border-color:rgb(0, 235, 97) }
```

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

Here you see how a box with a 4 pixel rgb(0, 235, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 97);  
box-shadow:4px 4px 4px 4px rgb(0, 235, 97)  
}
```

Background

The CSS property to change the background color of an element to YIQ 149.0030, -95.7620, -92.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 97) }
```

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

```
.background{ background-color: rgb(0, 235,  
97) }
```

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