

# Converting Colors

YIQ(143.6510, -88.8390,  
-91.5510)

Have a look what the booklet for  
YIQ(143.6510, -88.8390, -91.5510)  
contains.

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# Color

**YIQ(143.6510, -88.8390,  
-91.5510)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02E356
RGB	2, 227, 86
RGB Percent	1%, 89%, 34%
CMY	0.9928, 0.1094, 0.6630
CMYK	0.99, 0.00, 0.62, 0.11
HSL	142°, 98%, 45%
HSV	142°, 99%, 89%
XYZ	29.1951, 55.6725, 17.9981
YIQ	143.6510, -88.8390, -91.5510

# Conversions

## Conversions Part 2

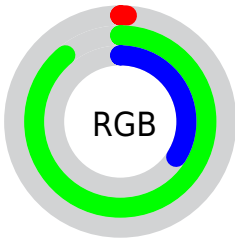
<b>Format</b>	<b>Color</b>
<b>RYB</b>	2, 166, 227
Decimal	189270
CIELab	79.43, -73.96, 54.77
CIELCh	79, 92.033, 143.481
Yxy	55.6725, 0.2838, 0.5412
Android (android.graphics.Color)	4278379350 (0xFF02E356)
YUV	143.6510, -28.4219, -124.2279
Hunter-Lab	74.6140, -60.7306, 37.9281

# Details

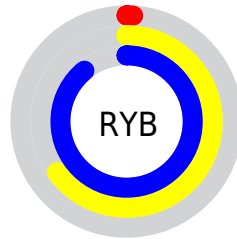
The YIQ color **143.6510, -88.8390, -91.5510** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **85.3490, 88.8390, 91.5510**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2360, -50.1010, -66.7170**, and **103.0960, -56.0590, -79.8910** is the 20% darker color. If you saturate the color by 10%, you get **142.9390, -89.7100, -92.2860**, and if you desaturate by 10%, it is **152.1240, -79.6250, -82.3210**.

# Distribution



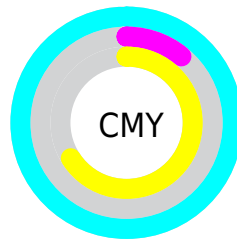
- Red (1%)
- Green (89%)
- Blue (34%)



- Red (1%)
- Yellow (65%)
- Blue (89%)



- Cyan (99%)
- Magenta (0%)
- Yellow (62%)
- Black (11%)



- Cyan (99%)
- Magenta (11%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 143.6510, -88.8390, -91.5510 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 143.6510, -88.8390, -91.5510 by changing the saturation by 10% instead.



■ 143.6510,  
-88.8390, -91.5510

■ 143.6510,  
-88.8390, -91.5510

■ 255.0000, -0.0000,  
-0.0000

■ 122.9520,  
-73.3890, -85.2050

■ 198.2360,  
-50.1010, -66.7170

■ 103.0960,  
-56.0590, -79.8910

■ 211.5940,  
-38.8250, -50.8010

■ 83.3540, -39.0500,  
-74.2660

■ 224.3540,  
-28.7410, -35.3090

■ 67.5050, -31.6250,  
-60.1450

■ 237.2280,  
-18.9780, -19.5060

■ 52.2430, -24.4750,  
-46.5470

■ 250.1020, -9.2150,  
-3.7030

■ 37.5680, -17.6000,  
-33.4720

■ 22.3060, -10.4500,

-19.8740

■ 0.0000, 0.0000,  
0.0000

■ 143.6510,  
-88.8390, -91.5510

■ 143.6510,  
-88.8390, -91.5510

■ 142.9390,  
-89.7100, -92.2860

■ 152.1240,  
-79.6250, -82.3210

■ 160.2980,  
-71.0070, -73.3030

■ 168.8850,  
-62.1140, -63.7620

■ 177.3580,  
-52.9000, -54.5320

■ 185.5320,  
-44.2820, -45.5140

■ 194.0050,  
-35.0680, -36.2840

■ 202.5920,  
-26.1750, -26.7430

■ 211.0650,  
-16.9610, -17.5130

■ 219.2390, -8.3430,  
-8.4950

# Harmonies

## Analogous

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



175.5730, 43.6160, -74.6240



143.6510, -88.8390, -91.5510



157.3080, -120.5250, -67.9570

# Triad

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



143.6510, -88.8390, -91.5510



154.1010, -140.4300, -32.0940



156.6780, 78.4410, 37.6810

# Complementary

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



143.6510, -88.8390, -91.5510



85.3490, 88.8390, 91.5510

# 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.



162.2590, 53.0810, 67.7770



143.6510, -88.8390, -91.5510



181.3520, -41.3130, 16.3430

# Square

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



143.6510, -88.8390, -91.5510



163.4930, -144.8300, -40.4620



187.4950, 31.6250, 60.1450



169.7500, 93.9920, -7.3840



# Rectangle

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



143.6510, -88.8390, -91.5510



165.2080, -140.0140, -50.6540



187.4950, 31.6250, 60.1450



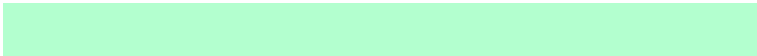
155.1740, 71.6530, 50.5730

# Sweetspot

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



143.6510, -88.8390, -91.5510



226.8040, -29.8880, -31.0400



176.8320, 23.3530, -87.3590



110.9400, -18.1070, -18.7710



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.



143.6510, -88.8390, -91.5510



160.5150, -100.6200, -103.8200



156.3050, -124.4700, -57.0300



110.6140, -4.9050, -4.7210



112.7110, -70.7320, -72.7800



32.1030, -20.1240, -20.7640



# Inverse Universe

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



85.3490, 88.8390, 91.5510



94.4850, 100.6200, 103.8200



72.6950, 124.4700, 57.0300



107.3860, 4.9050, 4.7210



66.2890, 70.7320, 72.7800

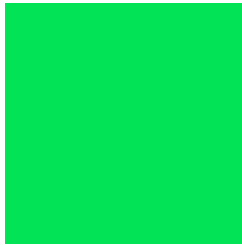


18.8970, 20.1240, 20.7640



# Previews

## White Background



This preview shows how the YIQ color 143.6510, -88.8390, -91.5510 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 143.6510, -88.8390, -91.5510 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 143.6510, -88.8390, -91.5510 Background



This preview shows how black text looks on a background with the YIQ color 143.6510, -88.8390, -91.5510.



This preview shows how white text looks on a background with the YIQ color 143.6510, -88.8390, -91.5510.

-91.5510.

# 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

143.6510, -88.8390, -91.5510

### Protanopia

188.1260, 50.9900, -32.0340

### Deuteranopia

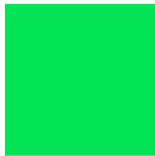
192.1140, 60.4320, -15.9200



## Tritanopia

178.4600, -78.1690, -20.5770

# Trichromacy



## Original Color

143.6510, -88.8390, -91.5510



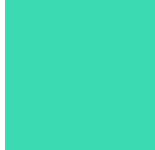
## Protanomaly

172.1900, 0.2390, -53.9130



## Deuteranomaly

174.4500, 5.7390, -43.4530



## Tritanomaly

165.8990, -81.9240, -46.1480

# Monochromacy



## Original Color

143.6510, -88.8390, -91.5510



## Achromatopsia

144.0000, -0.0000, 0.0000



## Achromatomaly

143.6680, -32.5010, -33.2450

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 143.6510, -88.8390, -91.5510 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(2, 227, 86)` looks like.

```
.text, #text, p{  
    color:rgb(2, 227, 86)  
}
```

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(2, 227, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 227, 86) }
```

## Border

The CSS property to change the border of an element to YIQ 143.6510, -88.8390, -91.5510 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(2, 227, 86) }
```



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

```
.border{ border-color:rgb(2, 227, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 227, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 227, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 227, 86);  
box-shadow:4px 4px 4px 4px rgb(2, 227, 86)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 143.6510, -88.8390, -91.5510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 227, 86) }
```

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

```
.background{ background-color: rgb(2, 227,  
86) }
```

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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