

Converting Colors

YIQ(164.8610, -36.3440,
-79.2560)

Have a look what the booklet for
YIQ(164.8610, -36.3440, -79.2560)
contains.

YIQ(164.8610, -36.3440, -79.2560)	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(164.8610, -36.3440,
-79.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	51E246
RGB	81, 226, 70
RGB Percent	32%, 89%, 27%
CMY	0.6828, 0.1135, 0.7255
CMYK	0.64, 0.00, 0.69, 0.11
HSL	116°, 73%, 58%
HSV	116°, 69%, 89%
XYZ	31.7018, 56.6121, 15.0497
YIQ	164.8610, -36.3440, -79.2560

Conversions

Conversions Part 2

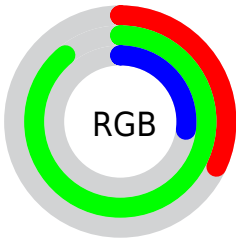
Format	Color
RYB	70, 226, 215
Decimal	5366342
CIELab	79.96, -66.87, 62.04
CIElCh	80, 91.221, 137.146
Yxy	56.6121, 0.3067, 0.5477
Android (android.graphics.Color)	4283556422 (0xFF51E246)
YUV	164.8610, -46.7665, -73.5461
Hunter-Lab	75.2410, -56.4632, 40.8095

Details

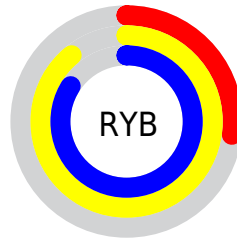
The YIQ color **164.8610, -36.3440, -79.2560** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **131.1390, 36.3440, 79.2560**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.7030, -23.5550, -63.2270**, and **99.2030, -46.4750, -88.3870** is the 20% darker color. If you saturate the color by 10%, you get **155.9600, -41.4770, -90.8610**, and if you desaturate by 10%, it is **173.7620, -31.2110, -67.6510**.

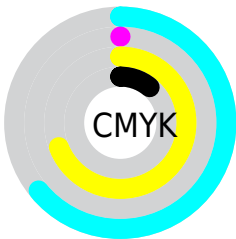
Distribution



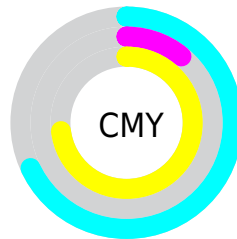
- Red (32%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (84%)



- Cyan (64%)
- Magenta (0%)
- Yellow (69%)
- Black (11%)



- Cyan (68%)
- Magenta (11%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.8610, -36.3440, -79.2560 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 164.8610, -36.3440, -79.2560 by changing the saturation by 10% instead.

■ 164.8610,
-36.3440, -79.2560

■ 164.8610,
-36.3440, -79.2560

■ 255.0000, -0.0000,
-0.0000

■ 132.1590,
-43.1750, -82.1110

■ 207.7030,
-23.5550, -63.2270

■ 99.2030, -46.4750,
-88.3870

■ 220.1640,
-14.0670, -47.9470

■ 83.3540, -39.0500,
-74.2660

■ 232.3260, -5.1750,
-32.8790

■ 67.5050, -31.6250,
-60.1450

■ 244.9010, 3.9920,
-17.2880

■ 52.2430, -24.4750,
-46.5470

■ 253.2900, 4.8150,
-4.6650

■ 37.5680, -17.6000,
-33.4720

■ 23.4800, -11.0000,

-20.9200

■ 0.0000, 0.0000,
0.0000

■ 164.8610,
-36.3440, -79.2560

■ 164.8610,
-36.3440, -79.2560

■ 155.9600,
-41.4770, -90.8610

■ 173.7620,
-31.2110, -67.6510

■ 147.1730,
-46.9310, -102.1550

■ 182.5490,
-25.7570, -56.3570

■ 138.2720,
-52.0640, -113.7600

■ 191.4500,
-20.6240, -44.7520

■ 137.4460,
-52.6140, -114.8060

■ 200.2370,
-15.1700, -33.4580

■ 209.1380,
-10.0370, -21.8530

■ 218.0390, -4.9040,
-10.2480

■ 226.8260, 0.5500,
1.0460

■ 235.7270, 5.6830,
12.6510

■ 237.9770, 7.9750,
15.1670

Harmonies

Analogous

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



179.7920, 56.3610, -68.8150



164.8610, -36.3440, -79.2560



155.8430, -115.0220, -74.0780

Triad

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



164.8610, -36.3440, -79.2560



157.6230, -142.0800, -35.2320



157.6700, 72.8920, 44.6360

Complementary

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



164.8610, -36.3440, -79.2560



131.1390, 36.3440, 79.2560

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.



169.2350, 44.4610, 69.8130



164.8610, -36.3440, -79.2560



172.5820, -71.8000, 1.6720

Square

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



164.8610, -36.3440, -79.2560



165.8410, -145.9300, -42.5540



193.9520, 28.6000, 54.3920



168.6220, 88.9010, 2.2850

Rectangle

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



164.8610, -36.3440, -79.2560



163.8570, -134.8320, -56.4640



193.9520, 28.6000, 54.3920



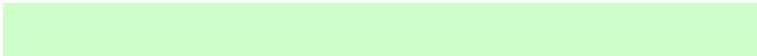
158.0410, 64.9580, 56.2700

Sweetspot

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



164.8610, -36.3440, -79.2560



233.8940, -12.4660, -27.3940



200.5850, 53.6510, -41.7170



115.3820, -7.6080, -16.3120



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.



164.8610, -36.3440, -79.2560



171.9290, -49.3600, -107.6960



168.9820, -63.7650, -61.3730



107.7560, -2.4290, -5.5410



106.9000, -41.2480, -89.5040



29.0730, -11.4120, -24.4680

Inverse Universe

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



131.1390, 36.3440, 79.2560



126.0710, 49.3600, 107.6960



127.0180, 63.7650, 61.3730



105.2440, 2.4290, 5.5410



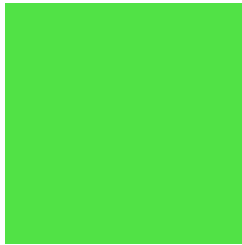
69.1000, 41.2480, 89.5040



18.9270, 11.4120, 24.4680

Previews

White Background



This preview shows how the YIQ color 164.8610, -36.3440, -79.2560 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 164.8610, -36.3440, -79.2560 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 164.8610, -36.3440, -79.2560 Background



This preview shows how black text looks on a background with the YIQ color 164.8610, -36.3440, -79.2560.



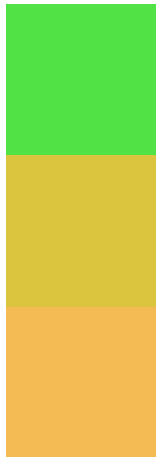
This preview shows how white text looks on a background with the YIQ color 164.8610, -36.3440, -79.2560.

-79.2560.

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

164.8610, -36.3440, -79.2560

Protanopia

188.4870, 57.0430, -37.1090

Deuteranopia

192.3010, 67.0350, -19.9490



Tritanopia

185.4300, -60.2890, -14.2170

Trichromacy



Original Color

164.8610, -36.3440, -79.2560



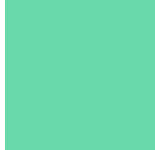
Protanomaly

180.0370, 22.6590, -52.7410



Deuteranomaly

182.3080, 29.6260, -41.3340



Tritanomaly

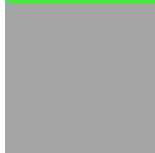
177.6810, -51.7110, -37.5270

Monochromacy



Original Color

164.8610, -36.3440, -79.2560



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

164.6550, -13.2910, -28.9630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.8610, -36.3440, -79.2560 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(81, 226, 70)` looks like.

```
.text, #text, p{  
    color:rgb(81, 226, 70)  
}
```

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(81, 226, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 226, 70) }
```

Border

The CSS property to change the border of an element to YIQ 164.8610, -36.3440, -79.2560 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(81, 226, 70) }
```


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

```
.border{ border-color:rgb(81, 226, 70) }
```

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

Here you see how a box with a 4 pixel rgb(81, 226, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 226, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 226, 70);  
box-shadow:4px 4px 4px 4px rgb(81, 226,  
70) }
```

Background

The CSS property to change the background color of an element to YIQ 164.8610, -36.3440, -79.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 226, 70) }
```

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

```
.background{ background-color: rgb(81, 226,  
70) }
```

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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