

# Converting Colors

YIQ(135.1260, -91.1340,  
-77.4860)

Have a look what the booklet for  
YIQ(135.1260, -91.1340, -77.4860)  
contains.

<b>YIQ(135.1260, -91.1340, -77.4860)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(135.1260, -91.1340,  
-77.4860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D268
RGB	0, 210, 104
RGB Percent	0%, 82%, 41%
CMY	1.0000, 0.1761, 0.5924
CMYK	1.00, 0.00, 0.51, 0.18
HSL	150°, 100%, 41%
HSV	150°, 100%, 82%
XYZ	25.5634, 47.1347, 20.8283
YIQ	135.1260, -91.1340, -77.4860

# Conversions

## Conversions Part 2

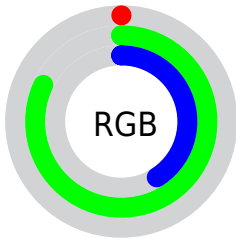
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 140, 210
Decimal	53864
CIELab	74.28, -66.37, 40.41
CIELCh	74, 77.706, 148.665
Yxy	47.1347, 0.2733, 0.5040
Android (android.graphics.Color)	4278243944 (0xFF00D268)
YUV	135.1260, -15.3451, -118.5055
Hunter-Lab	68.6547, -53.6817, 30.0710

# Details

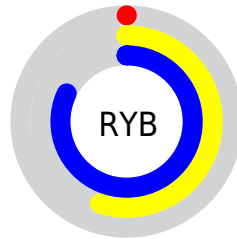
The YIQ color **135.1260, -91.1340, -77.4860** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **74.8740, 91.1340, 77.4860**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **198.3800, -59.1340, -62.7020**, and **96.4400, -59.3630, -64.0590** is the 20% darker color. If you saturate the color by 10%, you get **135.1260, -91.1340, -77.4860**, and if you desaturate by 10%, it is **142.6590, -82.1490, -69.6130**.

# Distribution



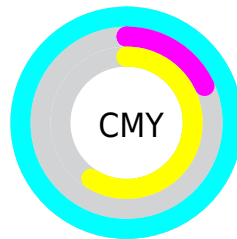
- Red (0%)
- Green (82%)
- Blue (41%)



- Red (0%)
- Yellow (55%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (51%)
- Black (18%)



- Cyan (100%)
- Magenta (18%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 135.1260, -91.1340, -77.4860 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 135.1260, -91.1340, -77.4860 by changing the saturation by 10% instead.



■ 135.1260,  
-91.1340, -77.4860

■ 135.1260,  
-91.1340, -77.4860

■ 255.0000, -0.0000,  
-0.0000

■ 115.7260,  
-75.0880, -70.9280

■ 198.3800,  
-59.1340, -62.7020

■ 96.4400, -59.3630,  
-64.0590

■ 211.3250,  
-48.1330, -47.3090

■ 77.7410, -43.9130,  
-57.7130

■ 224.0850,  
-38.0490, -31.8170

■ 58.7000, -27.5000,  
-52.3000

■ 236.6600,  
-28.8820, -16.2260

■ 44.0250, -20.6250,  
-39.2250

■ 247.5250,  
-14.9000, -5.3000

■ 29.9370, -14.0250,  
-26.6730

■ 14.0880, -6.6000,

-12.5520

■ 0.0000, 0.0000,  
0.0000

■ 135.1260,  
-91.1340, -77.4860

■ 142.6590,  
-82.1490, -69.6130

■ 150.0780,  
-72.8430, -62.0510

■ 157.6110,  
-63.8580, -54.1780

■ 165.0300,  
-54.5520, -46.6160

■ 172.5630,  
-45.5670, -38.7430

■ 180.0960,  
-36.5820, -30.8700

■ 187.5150,  
-27.2760, -23.3080

■ 195.0480,  
-18.2910, -15.4350

■ 202.4670, -8.9850,  
-7.8730

# Harmonies

## Analogous

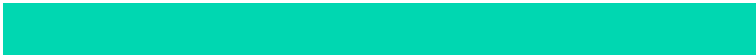
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.2940, 23.0730, -60.2470



135.1260, -91.1340, -77.4860



146.3830, -115.9420, -57.3980

# Triad

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



135.1260, -91.1340, -77.4860



141.7740, -134.6550, -21.1110



160.2510, 80.7810, 28.3090

# Complementary

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



135.1260, -91.1340, -77.4860



74.8740, 91.1340, 77.4860

# 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.



162.3610, 61.0610, 55.3090



135.1260, -91.1340, -77.4860



177.9510, -23.5260, 29.8980

# Square

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



135.1260, -91.1340, -77.4860



151.1660, -139.0550, -29.4790



182.7990, 33.8250, 64.3290



170.6790, 92.7540, -6.9740



# Rectangle

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



135.1260, -91.1340, -77.4860



152.5560, -131.9460, -42.6820



182.7990, 33.8250, 64.3290



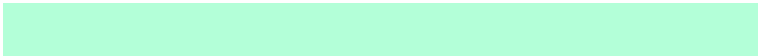
159.2370, 75.3690, 38.2890

# Sweetspot

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



135.1260, -91.1340, -77.4860



227.8300, -32.7770, -28.2410



155.8610, 7.2140, -86.7220



111.5100, -19.7120, -17.2160



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.



135.1260, -91.1340, -77.4860



164.0490, -110.5710, -94.1790



146.8680, -124.1970, -45.4530



101.0270, -4.6300, -4.1980



108.0780, -72.8430, -62.0510



26.3470, -17.6950, -15.2230



# Inverse Universe

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



74.8740, 91.1340, 77.4860



90.9510, 110.5710, 94.1790



63.2460, 123.8760, 45.7640



97.8590, 4.9510, 3.8870



59.9220, 72.8430, 62.0510



14.6530, 17.6950, 15.2230



# Previews

## White Background



This preview shows how the YIQ color 135.1260, -91.1340, -77.4860 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

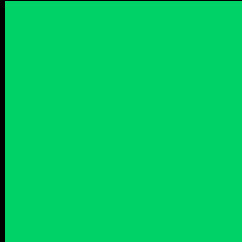
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 135.1260, -91.1340, -77.4860 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 135.1260, -91.1340, -77.4860 Background



This preview shows how black text looks on a background with the YIQ color 135.1260, -91.1340, -77.4860.



This preview shows how white text looks on a background with the YIQ color 135.1260, -91.1340, -77.4860.

-77.4860.

# 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

135.1260, -91.1340, -77.4860

### Protanopia

176.7630, 39.2510, -23.0290

### Deuteranopia

179.9140, 46.6760, -8.9080



**Tritanopia**

164.8410, -74.8680, -19.8280

# Trichromacy



## Original Color

135.1260, -91.1340, -77.4860



## Protanomaly

161.8490, -8.5660, -43.0140



## Deuteranomaly

163.2830, -3.6160, -33.6000



## Tritanomaly

153.9580, -80.4120, -40.5080

# Monochromacy



## Original Color

135.1260, -91.1340, -77.4860



## Achromatopsia

135.0000, -0.0000, -0.0000



## Achromatomaly

134.9440, -33.0980, -27.9300

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 135.1260, -91.1340, -77.4860 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, 210, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 210, 104)  
}
```

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, 210, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 210, 104) }
```

## Border

The CSS property to change the border of an element to YIQ 135.1260, -91.1340, -77.4860 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, 210, 104) }
```



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

```
.border{ border-color:rgb(0, 210, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 210, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 210, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 210, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 210,  
104) }
```

# Background

The CSS property to change the background color of an element to YIQ 135.1260, -91.1340, -77.4860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 210, 104) }
```

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

```
.background{ background-color: rgb(0, 210,  
104) }
```

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