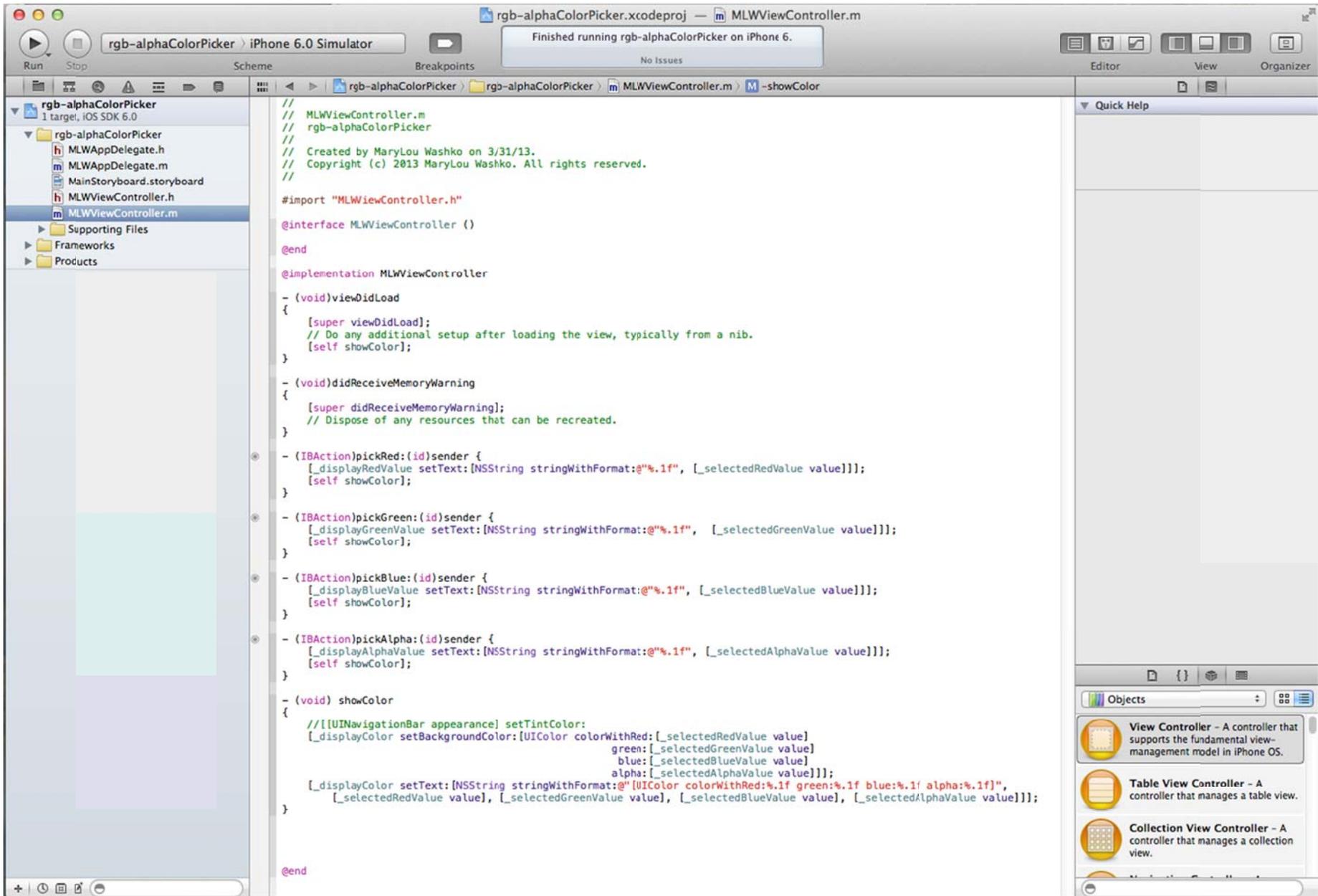


I was unable to find a color picker that defined colors in decimal values so I created this one in objective-C. The background color changes as the increment/decrement controls are adjusted.

xCode on iOS6



Objective-C Code:

```
//  
// MLViewController.h  
// rgb-alphaColorPicker  
//  
// Created by MaryLou Washko on 3/31/13.  
// Copyright (c) 2013 MaryLou Washko. All rights reserved.  
//  
  
#import <UIKit/UIKit.h>  
  
@interface MLViewController : UIViewController  
  
@property (strong, nonatomic) IBOutlet UIStepper *selectedRedValue;  
@property (strong, nonatomic) IBOutlet UIStepper *selectedGreenValue;  
@property (strong, nonatomic) IBOutlet UIStepper *selectedBlueValue;  
@property (strong, nonatomic) IBOutlet UIStepper *selectedAlphaValue;  
  
- (IBAction)pickRed:(id)sender;  
- (IBAction)pickGreen:(id)sender;  
- (IBAction)pickBlue:(id)sender;  
- (IBAction)pickAlpha:(id)sender;  
  
@property (strong, nonatomic) IBOutlet UILabel *displayRedValue;  
@property (strong, nonatomic) IBOutlet UILabel *displayGreenValue;  
@property (strong, nonatomic) IBOutlet UILabel *displayBlueValue;  
@property (strong, nonatomic) IBOutlet UILabel *displayAlphaValue;  
@property (strong, nonatomic) IBOutlet UILabel *displayColor;  
  
@property (nonatomic, strong) UIColor *circleColor;  
  
@end
```

```

//
// MLWViewController.m
// rgb-alphaColorPicker
//
// Created by MaryLou Washko on 3/31/13.
// Copyright (c) 2013 MaryLou Washko. All rights reserved.
//

#import "MLWViewController.h"

@interface MLWViewController ()
@end

@implementation MLWViewController

- (void)viewDidLoad
{
    [super viewDidLoad];
    // Do any additional setup after loading the view, typically from a nib.
    [self showColor];
}

- (void)didReceiveMemoryWarning
{
    [super didReceiveMemoryWarning];
    // Dispose of any resources that can be recreated.
}

- (IBAction)pickRed:(id)sender {
    [_displayRedValue setText:[NSString stringWithFormat:@"%0.1f", [_selectedRedValue value]]];
    [self showColor];
}

- (IBAction)pickGreen:(id)sender {
    [_displayGreenValue setText:[NSString stringWithFormat:@"%0.1f", [_selectedGreenValue value]]];
    [self showColor];
}

- (IBAction)pickBlue:(id)sender {
    [_displayBlueValue setText:[NSString stringWithFormat:@"%0.1f", [_selectedBlueValue value]]];
    [self showColor];
}

- (IBAction)pickAlpha:(id)sender {
    [_displayAlphaValue setText:[NSString stringWithFormat:@"%0.1f", [_selectedAlphaValue value]]];
    [self showColor];
}

- (void) showColor
{
    //[[UINavigationController appearance] setTintColor:
    [_displayColor setBackgroundColor:[UIColor colorWithRed:[_selectedRedValue value]
                                                            green:[_selectedGreenValue value]
                                                            blue:[_selectedBlueValue value]
                                                            alpha:[_selectedAlphaValue value]]];
    [_displayColor setText:[NSString stringWithFormat:@"[UIColor colorWithRed:%0.1f green:%0.1f blue:%0.1f alpha:%0.1f]",
                                                    [_selectedRedValue value], [_selectedGreenValue value], [_selectedBlueValue value], [_selectedAlphaValue value]]];
}

@end

```