

# Stacks



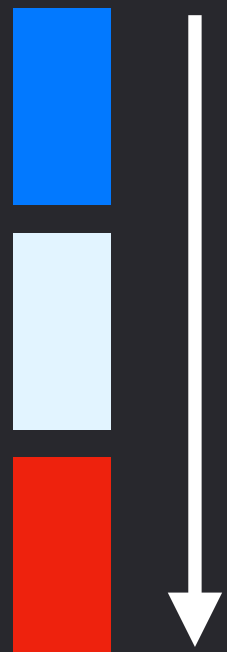
# HStack

Positionne les views selon un axe horizontal (de gauche à droite)

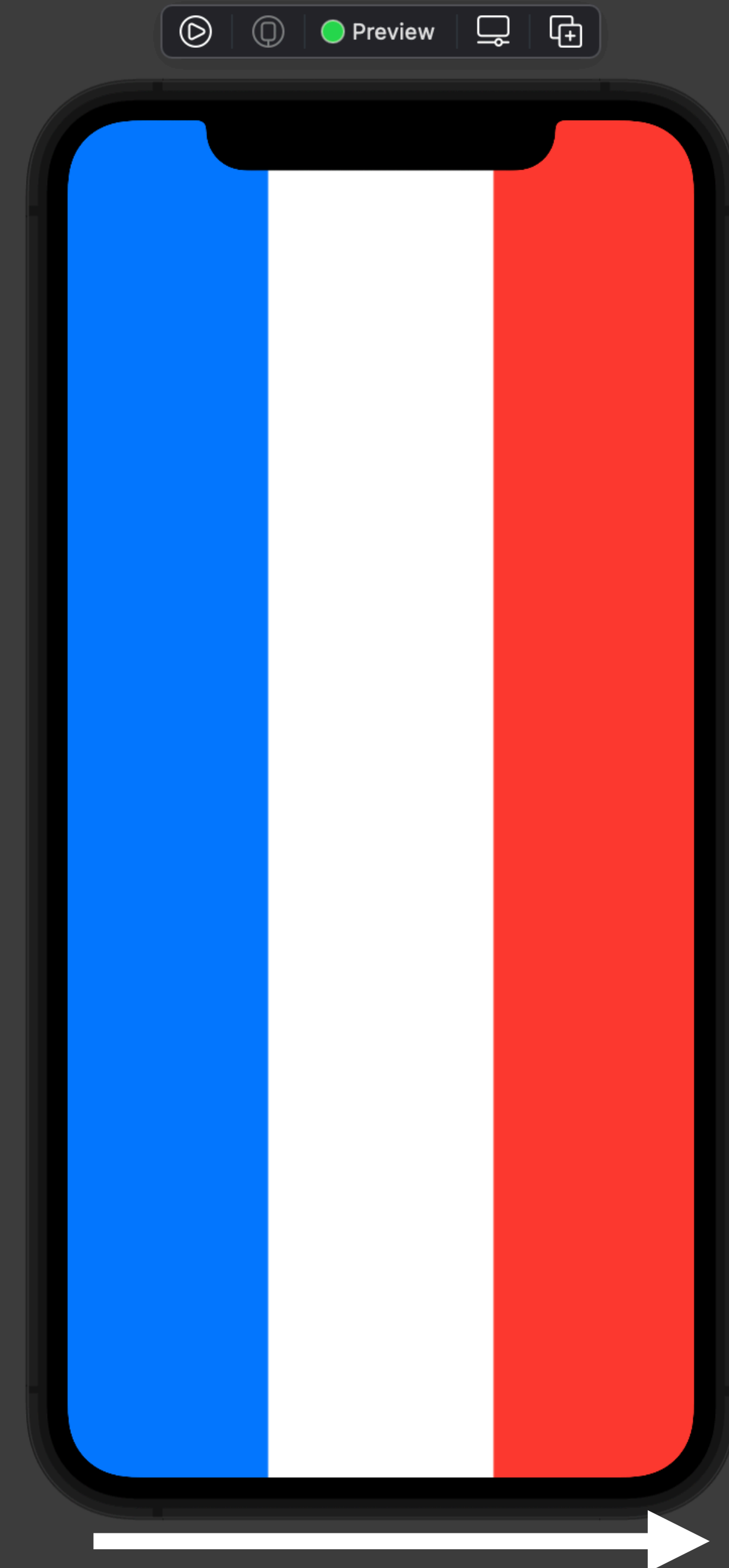
```
//  
// ContentView.swift  
// StacksLive  
//  
// Created by Yannis Lang on 22/10/2021.  
//
```

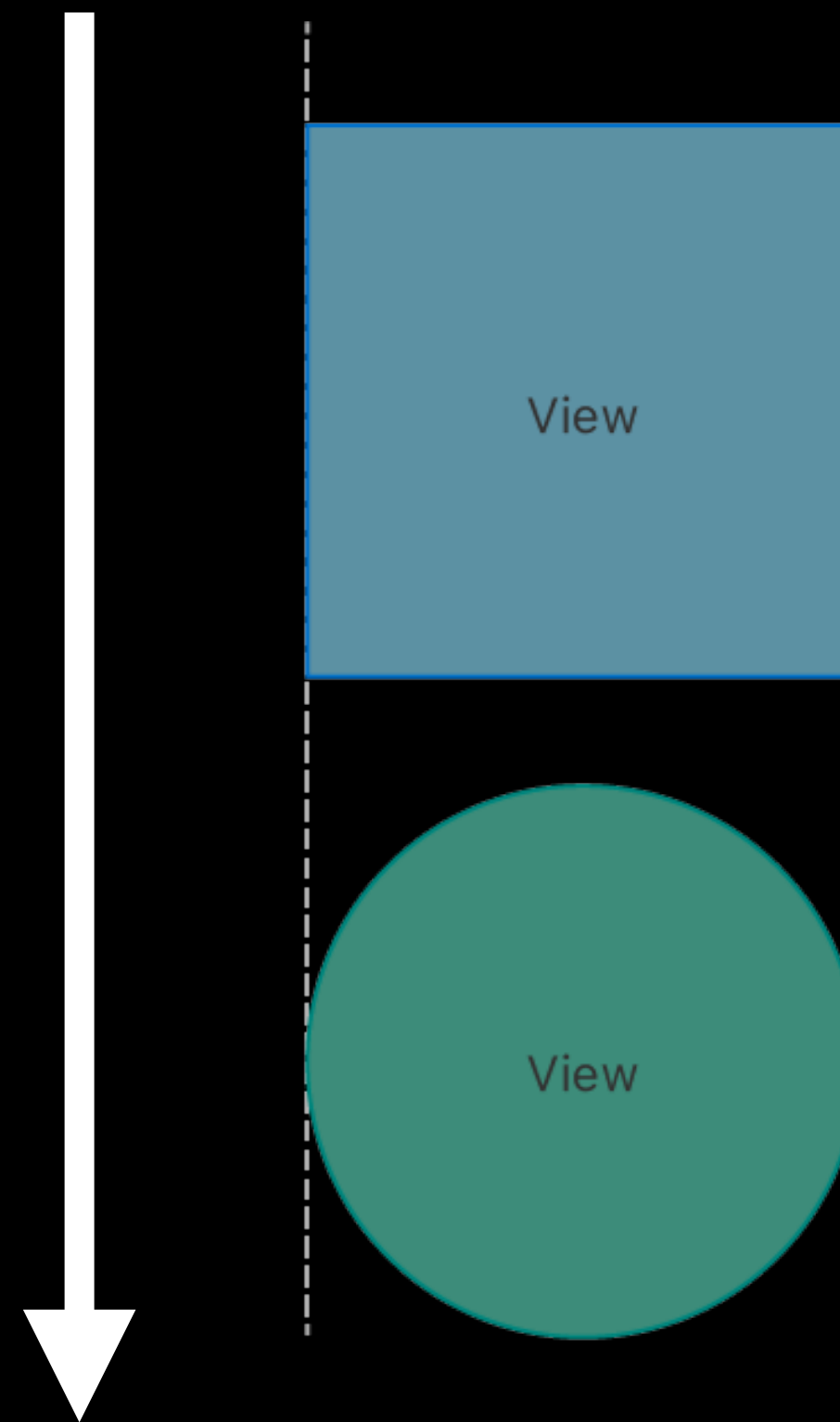
```
import SwiftUI
```

```
struct ContentView: View {  
    var body: some View {  
        HStack {  
            Rectangle()  
                .fill(Color.blue)  
            Rectangle()  
                .fill(Color.white)  
            Rectangle()  
                .fill(Color.red)  
        }  
    }  
}
```



```
struct ContentView_Previews: PreviewProvider {  
    // ...  
}
```





# VStack

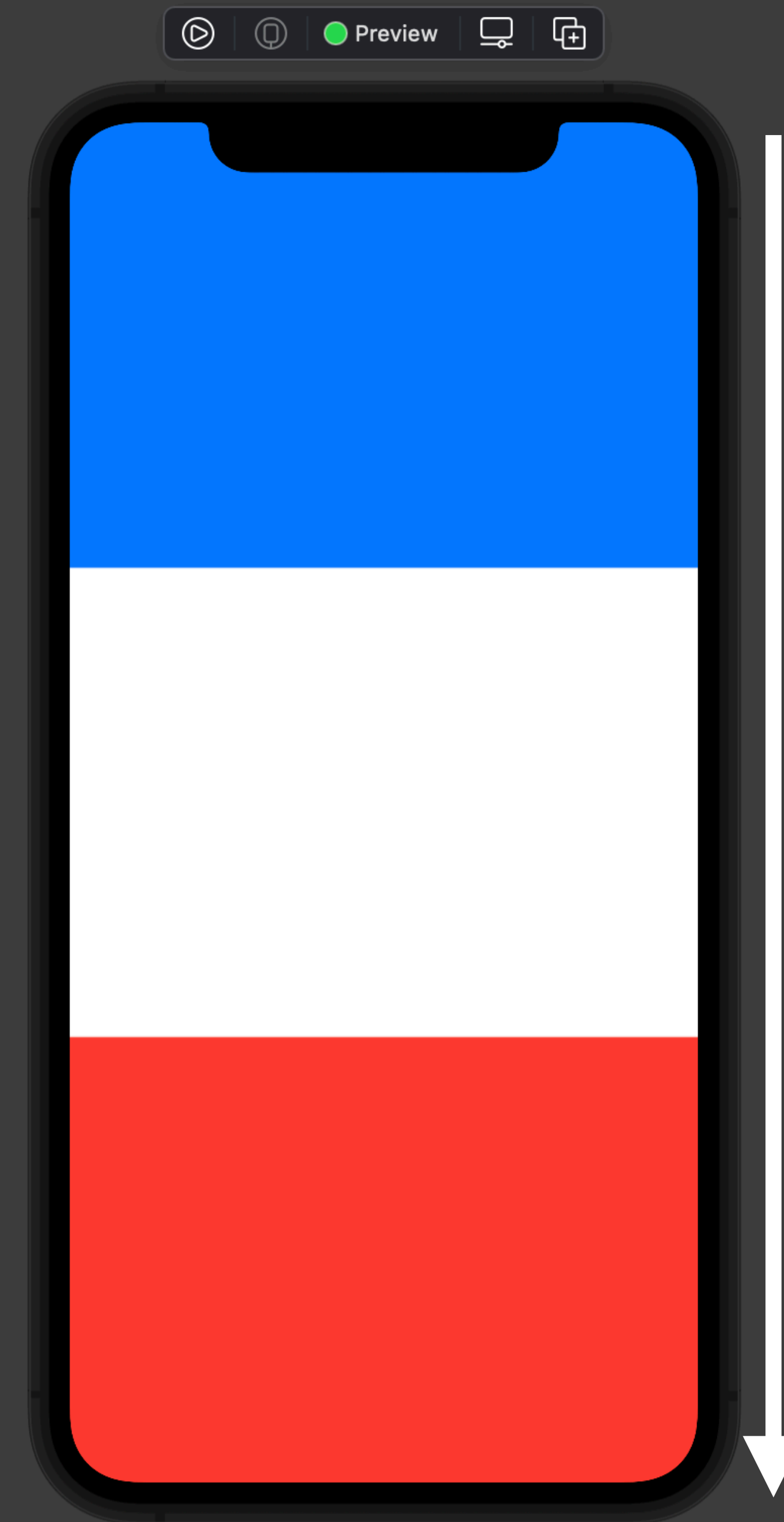
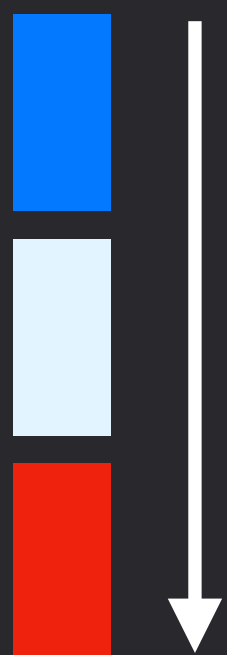
Positionne les views selon un axe vertical (de haut en bas)

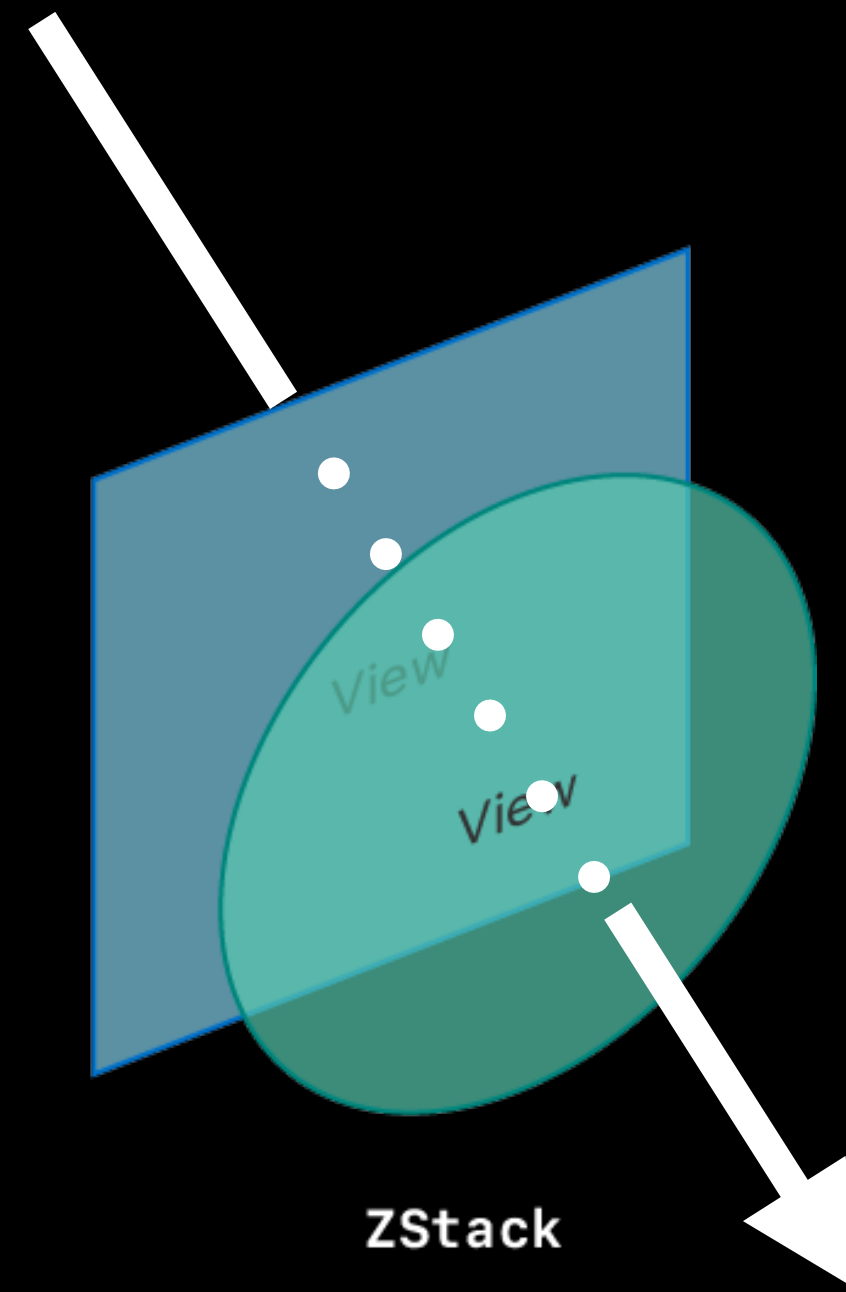
```
//  
// ContentView.swift  
// StacksLive  
//  
// Created by Yannis Lang on 22/10/2021.  
//
```

```
import SwiftUI
```

```
struct ContentView: View {  
    var body: some View {  
        VStack {  
            Rectangle()  
                .fill(Color.blue)  
            Rectangle()  
                .fill(Color.white)  
            Rectangle()  
                .fill(Color.red)  
        }  
    }  
}
```

```
struct ContentView_Previews: PreviewProvider { ... }
```





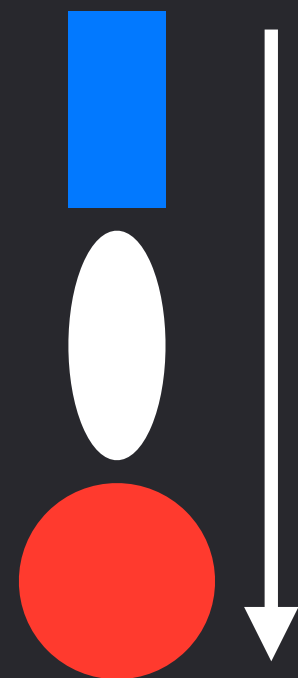
# ZStack

Superpose les views (de l'arrière de plan vers le premier plan)

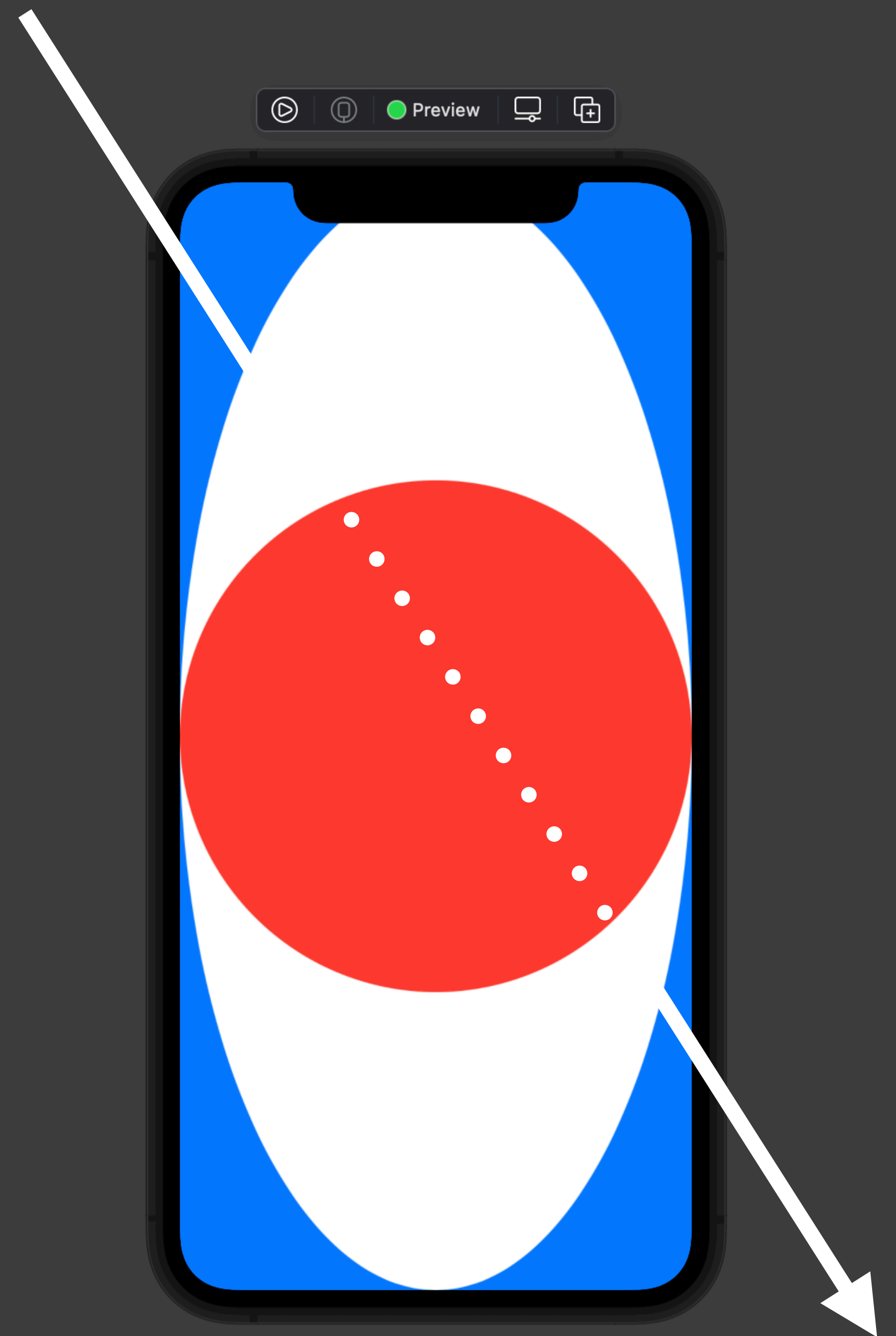
```
//  
// ContentView.swift  
// StacksLive  
//  
// Created by Yannis Lang on 22/10/2021.  
//
```

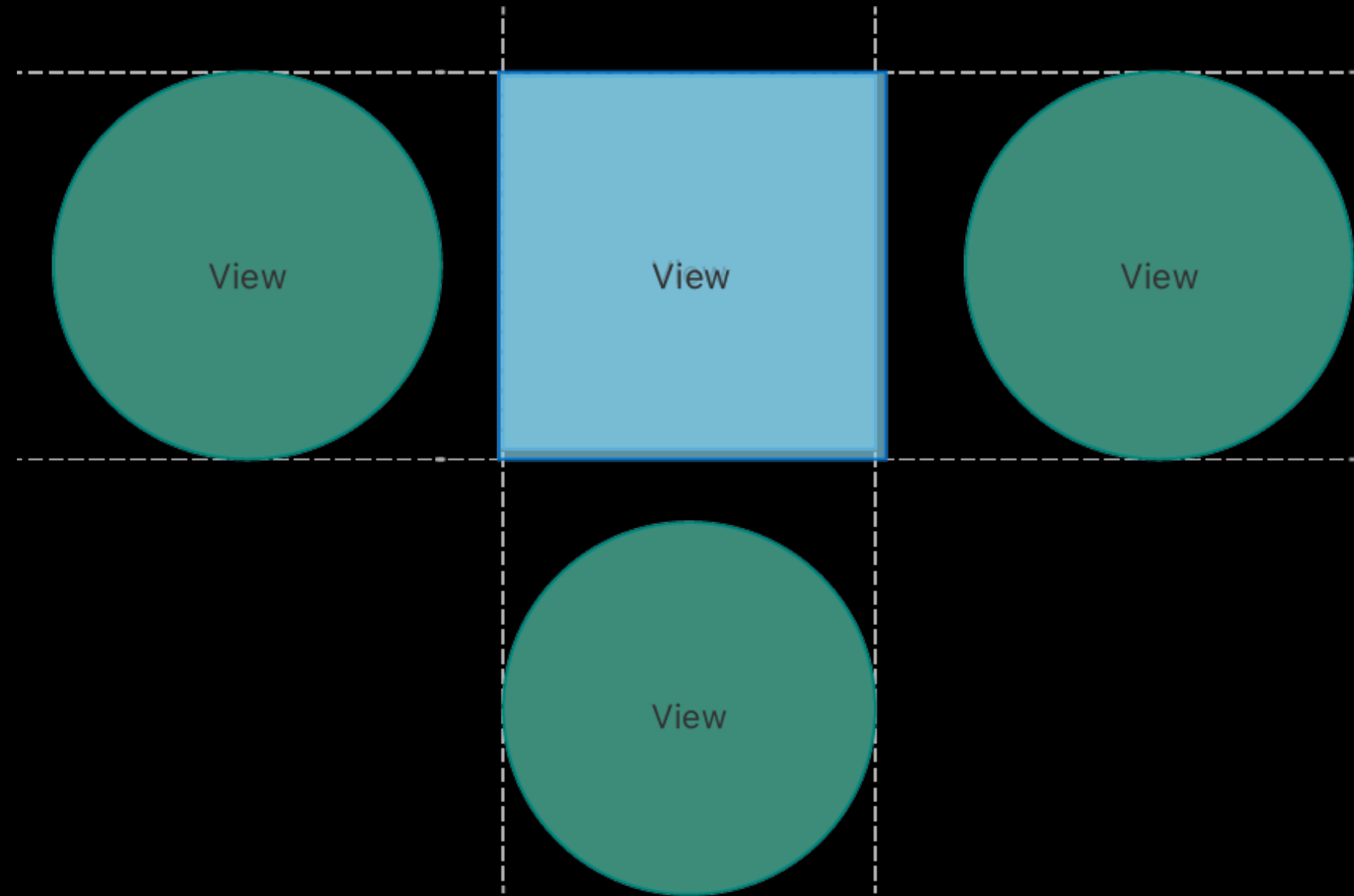
```
import SwiftUI
```

```
struct ContentView: View {  
    var body: some View {  
        ZStack {  
            Rectangle()  
                .fill(Color.blue)  
            Ellipse()  
                .fill(Color.white)  
            Circle()  
                .fill(Color.red)  
        }  
    }  
}
```



```
struct ContentView_Previews: PreviewProvider { ... }
```





# Stacks dans Stacks

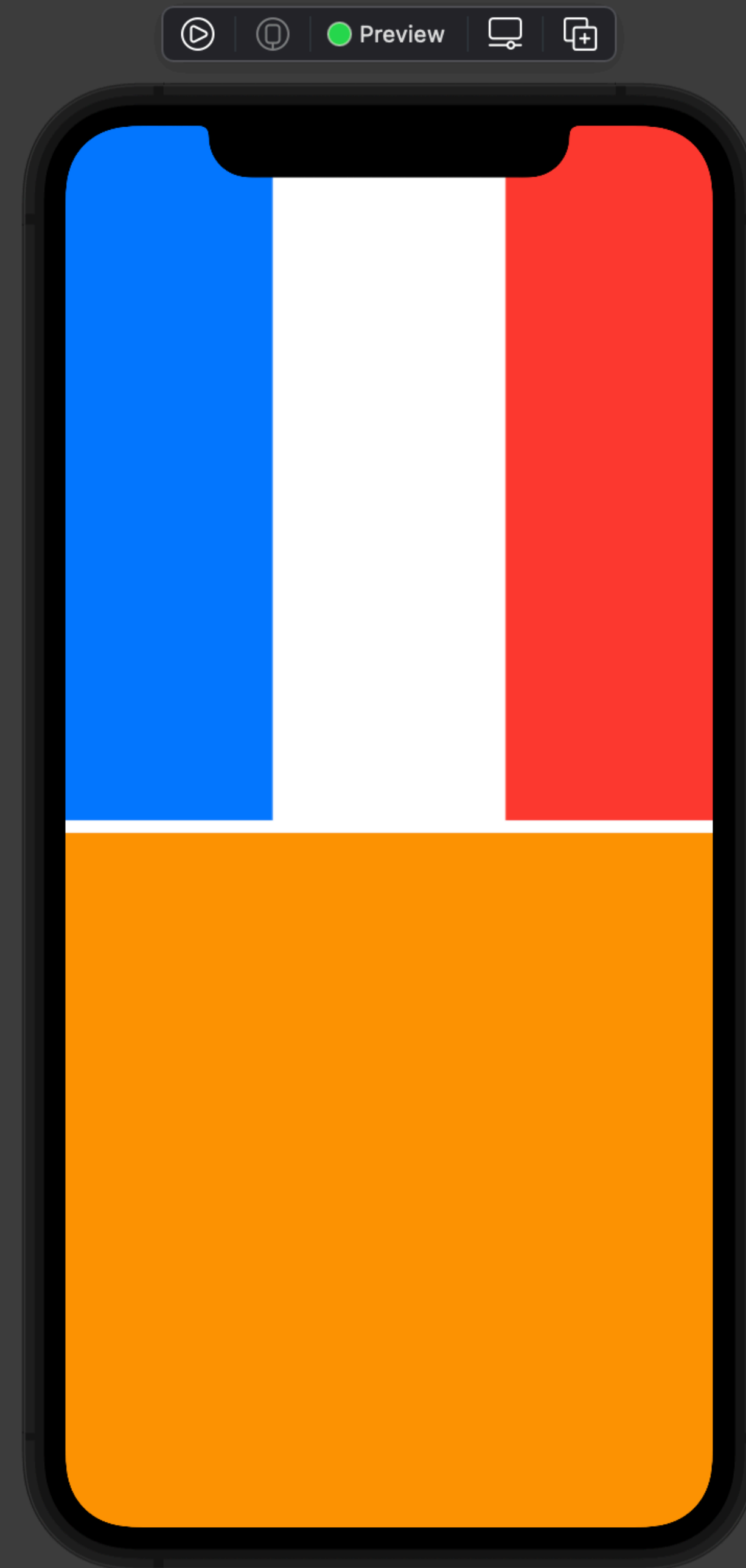
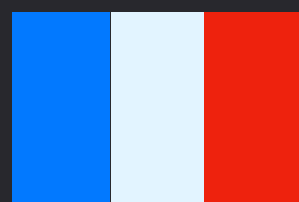


```
//
// ContentView.swift
// StacksLive
//
// Created by Yannis Lang on 22/10/2021.
//

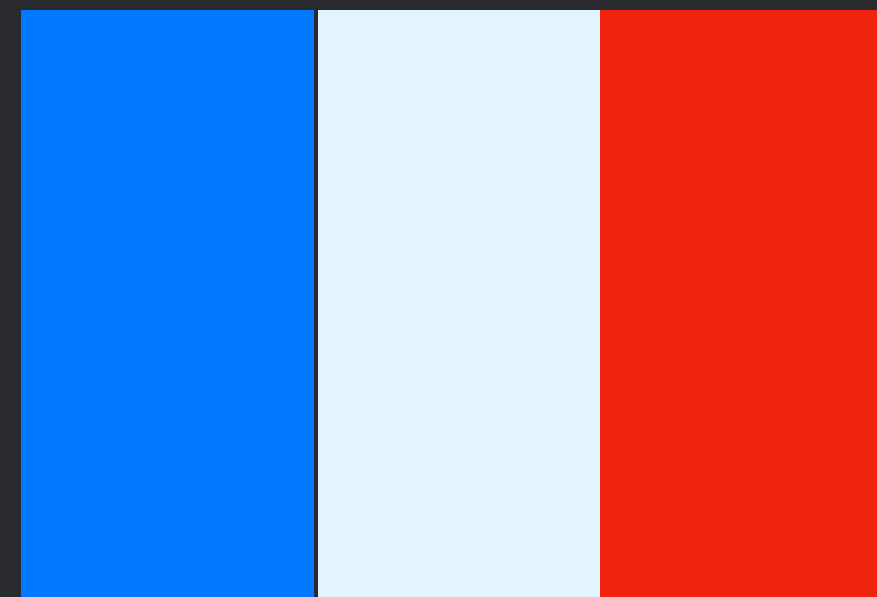
import SwiftUI

struct ContentView: View {
    var body: some View {
        VStack {
            HStack {
                Rectangle()
                    .fill(Color.blue)
                Rectangle()
                    .fill(Color.white)
                Rectangle()
                    .fill(Color.red)
            }
            Rectangle()
                .fill(Color.orange)
        }
    }
}

struct ContentView_Previews: PreviewProvider { ... }
```



```
HStack {  
  Rectangle()  
    .fill(Color.blue)  
  Rectangle()  
    .fill(Color.white)  
  Rectangle()  
    .fill(Color.red)  
}
```



```
//
// ContentView.swift
// StacksLive
//
// Created by Yannis Lang on 22/10/2021.
//

import SwiftUI

struct ContentView: View {
    var body: some View {
        VStack {
            HStack {
                Rectangle()
                    .fill(Color.blue)
                Rectangle()
                    .fill(Color.white)
                Rectangle()
                    .fill(Color.red)
            }
            Rectangle()
                .fill(Color.orange)
        }
    }
}

struct ContentView_Previews: PreviewProvider { ... }
```

