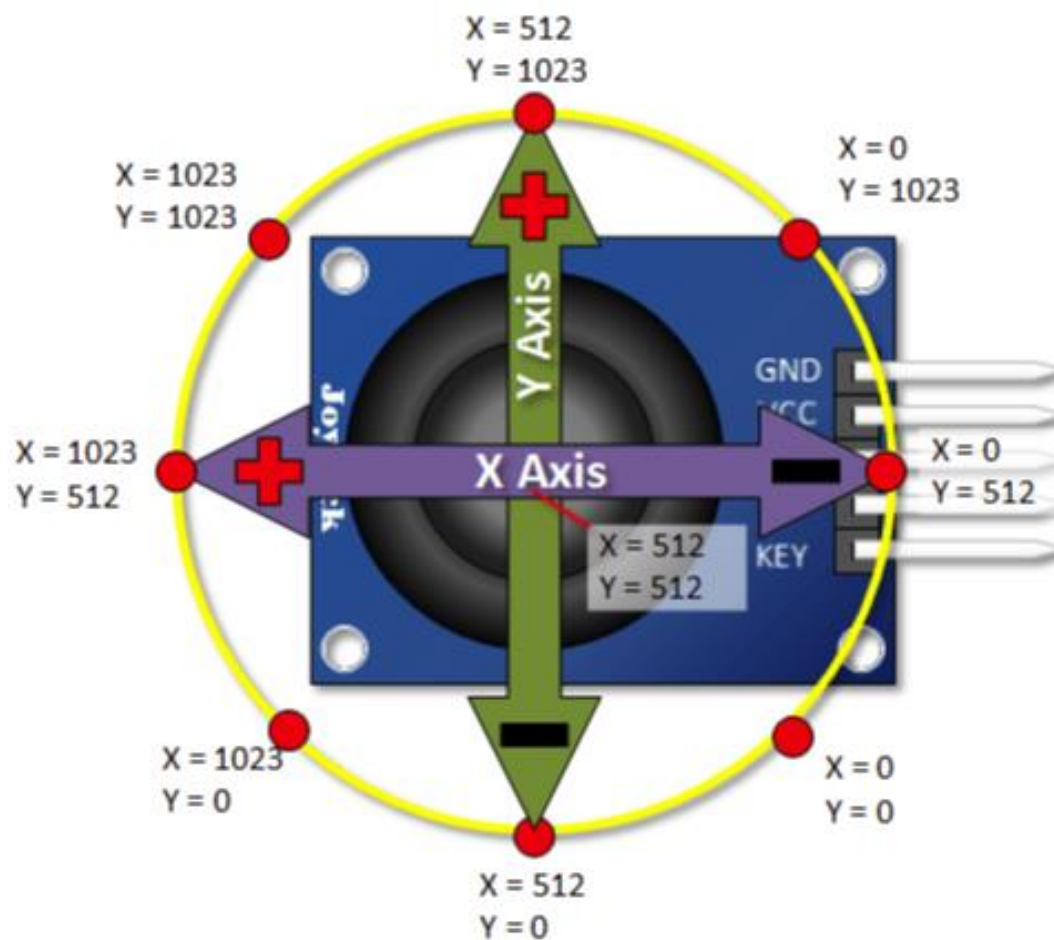


SPECIFICATIONS:

- Directional movements are simply two potentiometers - one for each axis
- Compatible with Arduino interface
- The biaxial XY Joystick Module KY-023 applies ARDUINO
- Dimensions: 1.57 in x 1.02 in x 1.26 in (4.0 cm x 2.6 cm x 3.2 cm)
- 5 Pin
- Color: Black

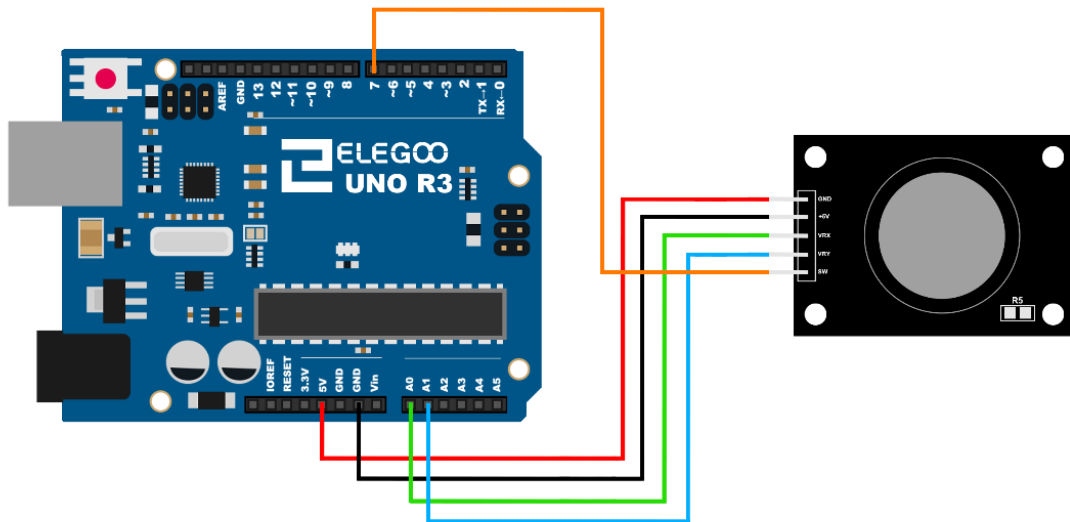
PIN CONFIGURATION:

1. GND: ground
2. +5V: 5V DC
3. VRx: voltage proportional to x position
4. VRy: voltage proportional to y position
5. SW: switch pushbutton



Example:

Here is an example, connect the circuit as below and run the code, you will see the analog value from X, Y axis and button through the Serial Monitor.



Code:

```
int sensorPin = 5;

int value = 0;

void setup() {
  pinMode(3, OUTPUT);
  Serial.begin(9600);
}

void loop() {
  value = analogRead(0);
  Serial.print("X:");
  Serial.print(value, DEC);
  value = analogRead(1);
  Serial.print(" | Y:");
  Serial.print(value, DEC);
  value = digitalRead(7);
  Serial.print(" | Z: ");
```

```
Serial.println(value, DEC);
```

```
delay(100);
```

```
}
```

Result:

