```
// Mohamed Al-mosawi 2013©
// Please refere to the original source when used.
// almosawimo.wordpress.com

int pingPinGreen = 2;
int inPinGreen = 3;
int pingPinBlue = 6;
int inPinBlue = 7 ;

long microseconds;

void setup()
{
  Serial.begin(9600);
  pinMode(pingPinGreen, OUTPUT);
  pinMode(inPinBlue, INPUT);
  pinMode(pingPinBlue, OUTPUT);
  pinMode(inPinBlue, INPUT);
}


void loop()
{
  long durationGreen, durationBlue, inches, cmGreen, cmBlue ;
  //Reading the Blue sensor
  digitalWrite(pingPinBlue, LOW);
  digitalWrite(pingPinBlue, HIGH);
  delayMicroseconds(10);
  digitalWrite(pingPinBlue, LOW);
  durationBlue = pulseIn(inPinBlue, HIGH);
  cmBlue = microsecondsToCentimeters(durationBlue);


  // Reading the Green sensor
  digitalWrite(pingPinGreen, LOW);
  digitalWrite(pingPinGreen, HIGH);
  delayMicroseconds(10);
  digitalWrite(pingPinGreen, LOW);
  durationGreen = pulseIn(inPinGreen, HIGH);
  cmGreen = microsecondsToCentimeters(durationGreen);
  //Showing the results via SP
  Serial.print(cmGreen);
  Serial.print(",");
  Serial.print(cmBlue);
  Serial.print("cm");
  Serial.println();
}


long microsecondsToCentimeters(long microseconds)
{
  return microseconds / 29 / 2;
}
```