CLAIMS

1. A method for detecting ambient light intensity, comprising:

controlling a preset region of a display screen of an electronic device to display a predetermined picture, wherein the preset region is a region facing an ambient light sensor of the electronic device in the display screen, and the predetermined picture is a pure color picture;

obtaining an ambient light intensity value detected by the ambient light sensor; and

controlling the display screen to respond according to the ambient light intensity value,

wherein controlling the display screen to respond according to the ambient light intensity value comprises:

obtaining a preset adjustment value of ambient light intensity according to a color of the predetermined picture;

adjusting the ambient light intensity value according to the preset adjustment value of ambient light intensity to obtain an adjusted ambient light intensity value, comprising: calculating a difference value between the ambient light intensity value and the preset adjustment value of ambient light intensity; and

controlling the display screen to respond according to the adjusted ambient light intensity value, comprising: controlling the display screen to respond according to the difference value.

2. The method according to claim 1, wherein the ambient light sensor comprises at least two ambient light sensors, the at least two ambient light sensors are spaced apart from each other, obtaining the ambient light intensity value detected by the ambient light sensor comprises:

obtaining an ambient light intensity value detected by each ambient light sensor; and

controlling the display screen to respond according to the ambient light intensity value comprises:

calculating an average value of the ambient light intensity values detected by the at least two ambient light sensors; and

controlling the display screen to respond according to the average value.

3. The method according to claim 1, wherein the ambient light sensor comprises two ambient light sensors, the preset region comprises a first region and a second region disposed close to opposite edges of a display region of the display screen, one of the two ambient light sensors is disposed facing the first region, and the other one of the two ambient light sensors is disposed facing the second region.

4. The method according to claim 1, wherein the ambient light sensor is disposed facing an edge of a display region of the display screen.

5. The method according to any one of claims 1 to 3, wherein a color of the predetermined picture is black.

6. The method according to any one of claims 1 to 5, wherein controlling the display screen to respond according to the ambient light intensity value comprises:

adjusting brightness of the display screen according to the ambient light intensity value.

7. The method according to any one of claims 1 to 6, wherein controlling the preset region of the display screen of the electronic device to display the predetermined picture comprises:

controlling the preset region to display the predetermined picture in response to a triggering event.

8. The method according to any one of claims 1 to 6, wherein controlling a preset region of a display screen of an electronic device to display a predetermined picture comprises:

controlling the preset region to display the predetermined picture all the time.

9. A storage medium, having stored therein one or more computer programs, when the one or more computer programs is performed by a computer, the computer is configured to perform the method for detecting ambient light intensity according to any one of claims 1 to 8.

10. An electronic device, comprising:

a display screen, comprising a display region;

an ambient light sensor, disposed facing the display region of the display screen and configured to obtain an ambient light intensity value; and

a processor, configured to control a preset region of the display screen to display a predetermined picture when the ambient light sensor detects ambient light intensity, wherein, the preset region is a region facing the ambient light sensor in the display screen, and the predetermined picture is a pure color picture;

wherein the processor is further configured to obtain a preset adjustment value of ambient light intensity according to a color of the predetermined picture and control the display screen to respond according to a difference value between the ambient light intensity value and the preset adjustment value of ambient light intensity.

11. The electronic device according to claim 10, wherein the ambient light sensor is disposed facing an edge of the display region.

12. The electronic device according to claim 10, wherein, the ambient light sensor comprises two ambient light sensors, the two ambient light sensors are spaced apart from each other;

the preset region comprises a first region and a second region disposed close to opposite edges of a display region of the display screen, one of the two ambient light sensors is disposed facing the first region, and the other one of the two ambient light sensors is disposed facing the second region.