The boundary lines $y = -3$ and $y = -2x + 4$ are drawn as dashed, because both inequalities use the $>$ sign. The solution to $y > -3$ is shown in blue and the solution to $y > -2x + 4$ is shown in orange. The solution to the system is the overlap region, shown in purple. You can check this by substituting the point $(4, 0)$ into the inequalities: $0 > -3$ and $0 > -2(4) + 4$ are both true.