

$p(\text{Yes} | \text{Sunny})$

let  $C \rightarrow \text{yes}$ .  
 $x \rightarrow \text{Sunny}$ .

$$p(C/x) = \frac{p(C) \cdot p(x/C)}{p(x)}$$

$$= \frac{\frac{9}{14} \cdot \frac{3}{9}}{\frac{4}{14}} = \frac{3}{4}$$