Negation, again

Negate: $(x \to y) \wedge \neg x$
First Solution:

$$\neg[(x \to y) \wedge \neg x]$$

$$\equiv \neg(x \to y) \vee \neg\neg x$$

$$\equiv \neg(\neg x \vee y) \vee x$$

$$\equiv (\neg\neg x \wedge \neg y) \vee x$$

$$\equiv (x \wedge \neg y) \vee x$$

$$\equiv x$$