The nearby galaxy Messier 33 contains a star-forming region called NGC 604 where some 200 hot, young, massive stars reside. The cool dust and warmer gas in this stellar nursery appear as the wispy structures in an optical image from NASA's Hubble Space Telescope (purple). In between these filaments are giant voids that are filled with hot, X-ray-emitting gas that Chandra observes (blue). Astronomers think these bubbles are being blown off the surfaces of the young and massive stars throughout NGC 604.