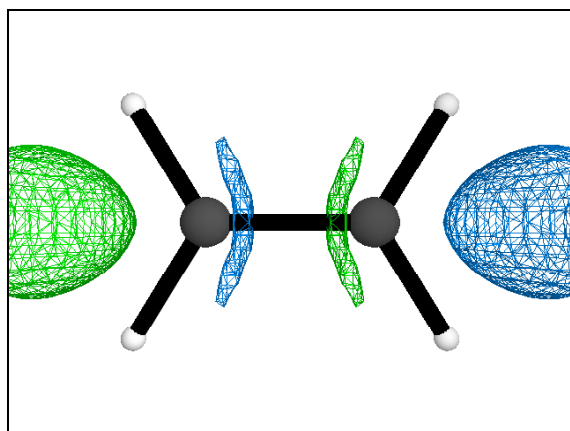


Valence MOs of C_2H_4

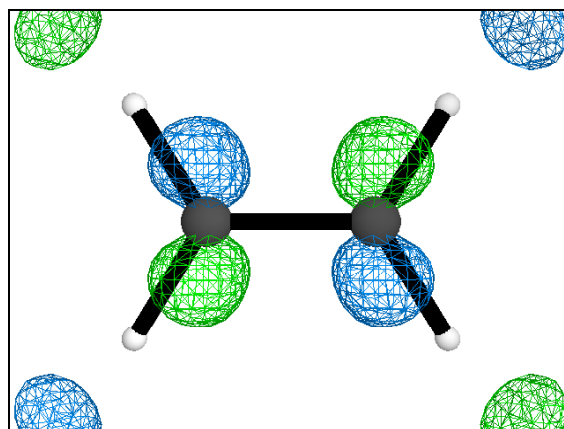
RHF/6-31G* level

E's in AU (Hartrees); 1 H = 627.5 kcal/mol
rCC = 1.317; rCH = 1.076; aHCC = 121.8°

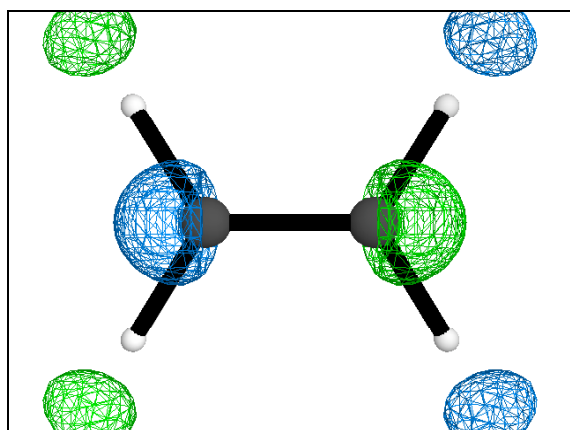
0.496



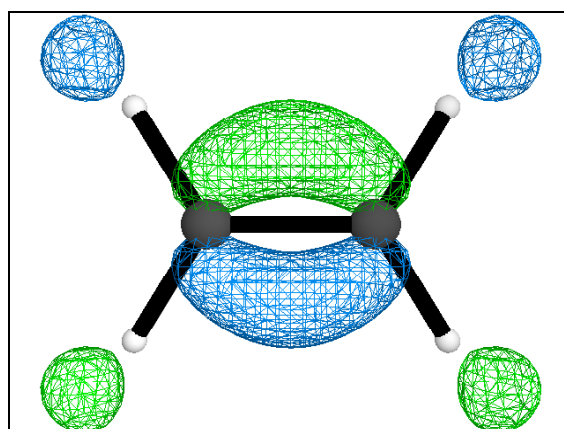
0.393



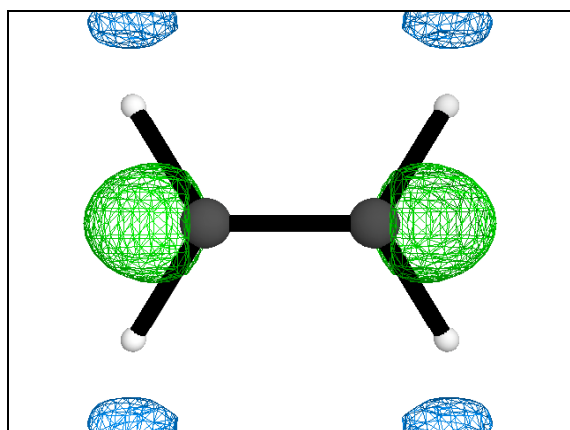
0.311



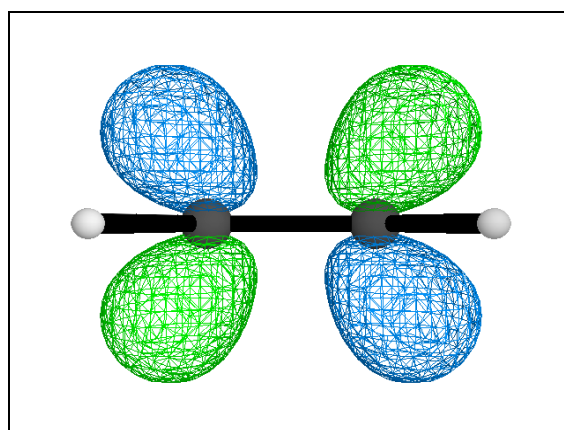
0.293



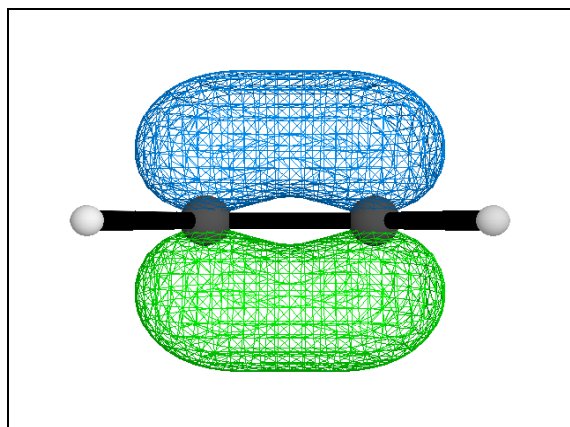
0.267



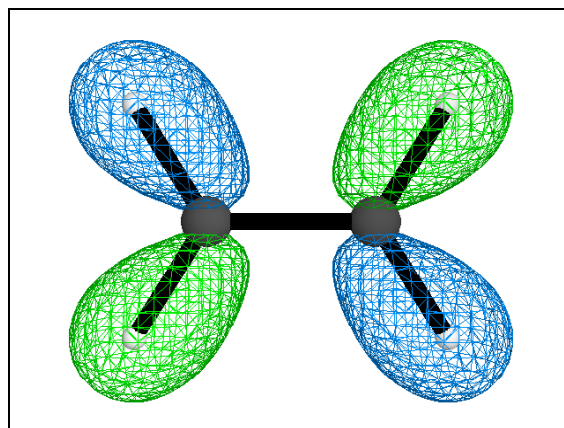
0.184



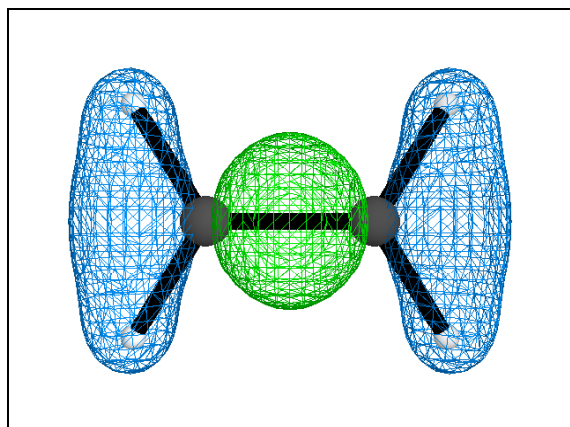
-0.374



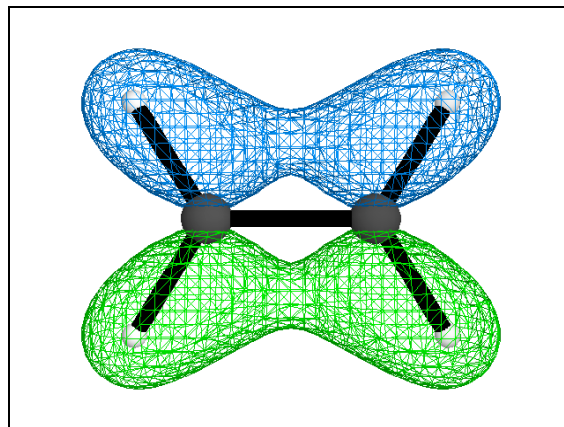
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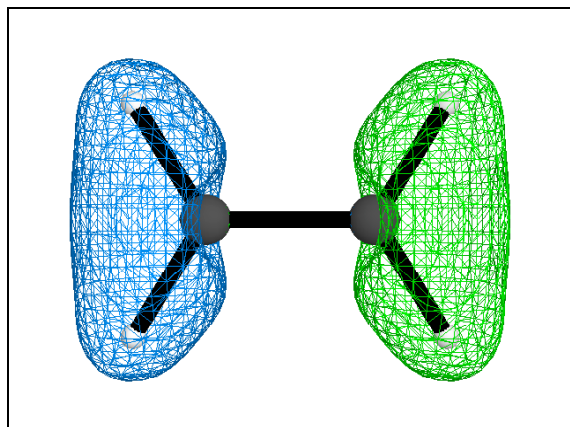
-0.586



-0.641



-0.790



-1.033

