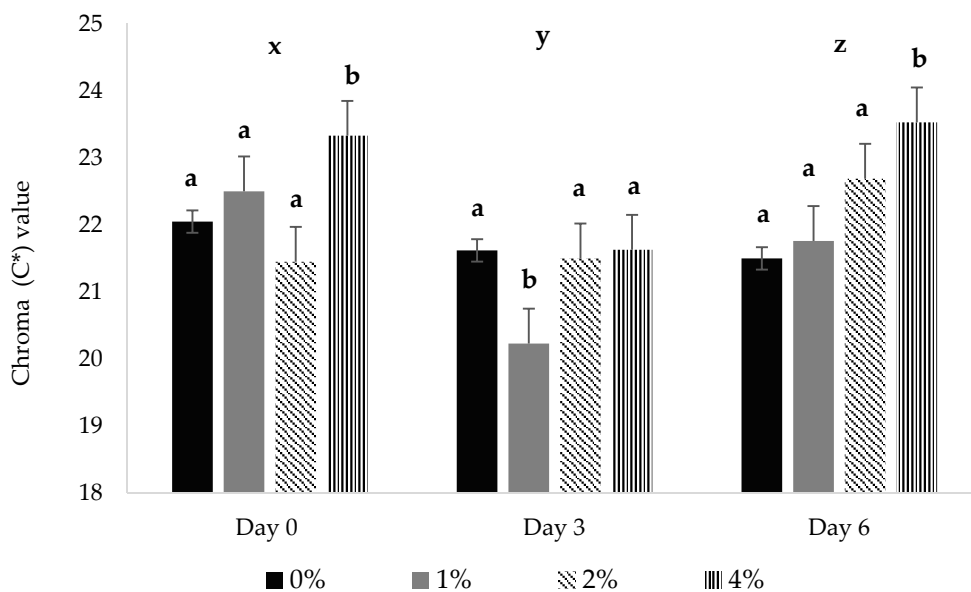
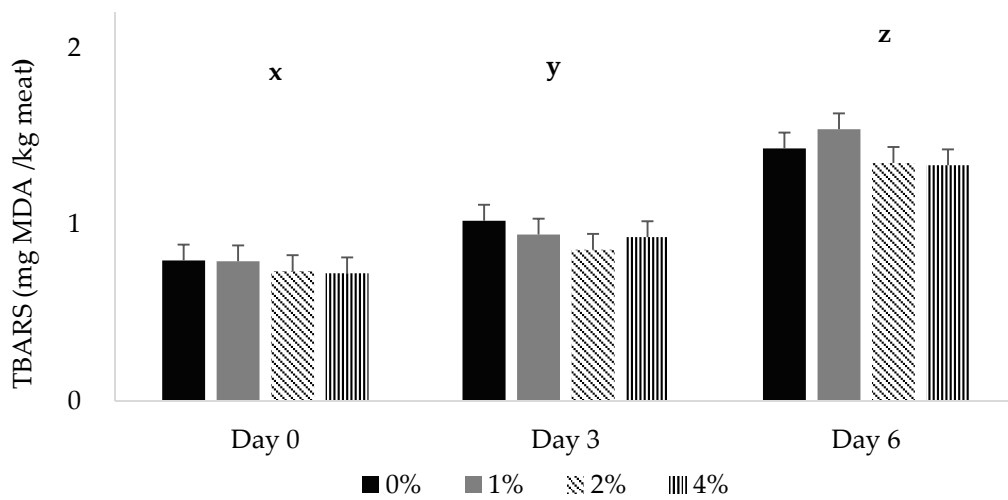


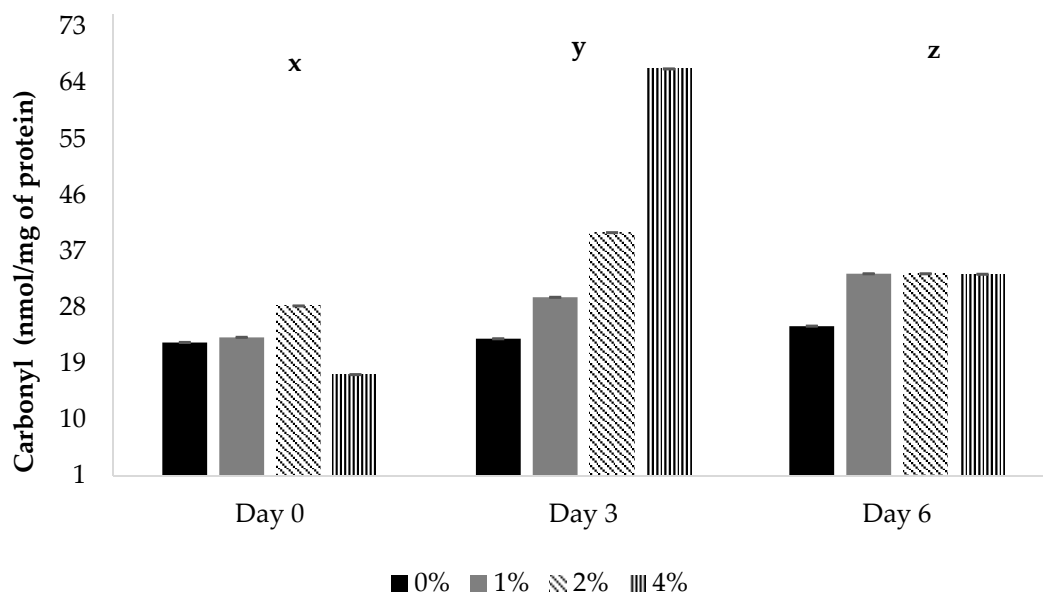
**Figure S1.** Effect of YME inclusion on parameter  $b^*$  during retail display time. <sup>a,b</sup> means with distinct letters among treatments within each retail display time indicate significant differences in diet ( $p \leq 0.05$ ). <sup>x,y,z</sup> means with distinct letters among the retail display times show significant differences ( $p \leq 0.05$ ).



**Figure S2.** Effect of YME inclusion on values  $C^*$  during retail display time. <sup>a,b</sup> means with distinct letters among treatments within each retail display time indicate significant differences in diet ( $p \leq 0.05$ ). <sup>x,y,z</sup> means with distinct letters among the retail display times indicate significant differences ( $p \leq 0.05$ ).



**Figure S3.** Effect of YME inclusion on the lipid oxidation values of Longissimus thoracis muscle at different retail display time expressed in mg malonaldehyde (MDA)/kg. <sup>x,y,z</sup> Distinct letters among the exposure times indicate significant differences ( $p \leq 0.05$ ).



**Figure S4.** Effect of YME inclusion on the protein oxidation values of Longissimus thoracis muscle at different retail display times expressed in carbonyl (nmol/mg of protein). <sup>x,y,z</sup> Distinct letters among the exposure times indicate significant differences ( $p \leq 0.05$ ).