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import seaborn as sns
import matplotlib.pyplot as plt

# load the dataset
titanic = sns.load_dataset('titanic')

#step 3 : Create the box plot

plt.figure(figsize=(10,6))
sns.boxplot(data = titanic , x = 'sex' , y = 'age' , hue = 'survived')
# hue separates survivors and non-survivors

plt.title('Distribution of age by gender and survival status')
plt.xlabel('Gender')
plt.ylabel('Age')
#plt.legend(title = 'Survived' , labels = ['No' , 'Yes'] )
plt.show()

```

