The key difference between Git and Subversion is that Git is decentralized.

**What Git Solves?** Imagine you are a developer on the road, you develop on your laptop and you want to have source control so that you can go back 3 hours. With Subversion, you have a Problem: The SVN Repository may be in a location you can't reach (in your company, and you don't have internet at the moment), you cannot commit. If you want to make a copy of your code, you have to literally copy/paste it. With Git, you do not have this problem. Your local copy is a repository, and you can commit to it and get all benefits of source control. When you regain connectivity to the main repository, you can commit against it.

Git REALLY shines when you are decentralized. I have a server at home and a Laptop on the road, and SVN simply doesn't work well here.

With Git, that's the default mode anyway. It's an extra command though (**git commit** commits locally, whereas **git push origin master** pushes the master branch to the remote named "origin").

Git adds complexity. Two modes of creating repositories, checkout vs. clone, commit vs. push... You have to know which commands work locally and which work with "the server"

Advantages of SVN  
1) SVN has the advantage that it's MUCH simpler to learn:   
2)

Advantages of GIT  
1) Git has the advantage that it's MUCH better suited if some developers are not always connected to the master repository.   
2) it's much faster than SVN.   
3) branching and merging support is a lot better.

Git is perfectly suited for Open Source projects: Just Fork it, commit your changes to your own Fork, and then ask the original project maintainer to pull your changes. With Git, this just works.

 If you have the need for "Offline Source Control" and the willingness to spend some extra time learning it, GIT is fantastic. But if you have a strictly centralized Source Control and/or are struggling to introduce Source Control in the first place because your co-workers are not interested, then the simplicity and excellent tooling (at least on Windows) of SVN shine.

**GIT Servers**

1. GitHub(Used in Paypal)
2. Atlassian Git(Used in VISA)
3. Git for Windows or mysysgit (Free and Open Source)
4. Git-SCM(Free and Open Source)