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Security of Data with RGB Color and AES Encryption techniques

**Abstract:**

In RSA algorithm the encryption is done using the receiver’s public key. Since a user’s public key is available to everyone in the network. RSA provides confidentiality but the main disadvantage of RSA is that there is no authentication i.e anyone can send messages to anyone. In existing work RSA with RGB model is used for providing confidentiality and authentication but with less accuracy. Due to less accuracy existing system is not fully secure . In proposed work AES encryption technique with RGB color is use to increase the accuracy of the system. It will provides provide both confidentiality, authentication and more privacy to the data(Audio and Text) which is sent across the network.

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