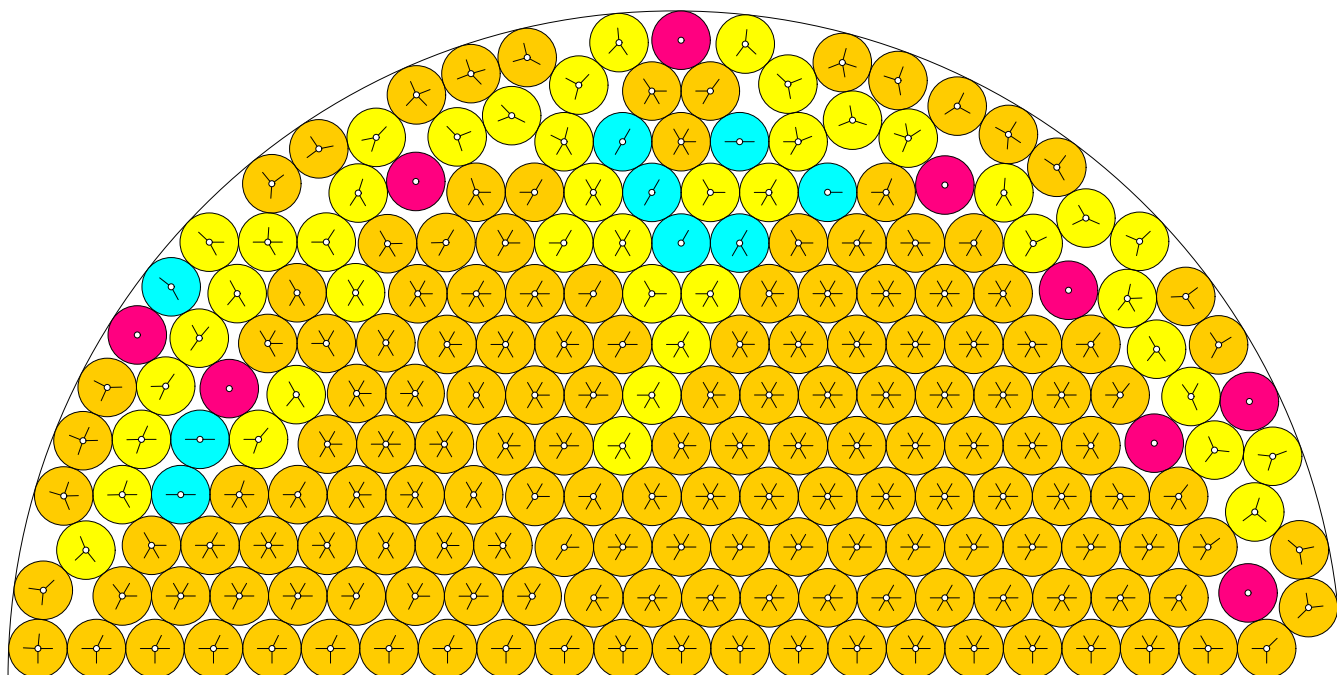


## 220 circles in a semicircle



radius = 0.043873558198      density = 0.846951207955  
ratio = 22.792771798394      contacts = 473

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