When a beam of light strikes a metal surface with a workfunction of 4.3 eV, electrons with a kinetic energy of of 7.9 eV are ejected.

What is the energy of the incident light?

1. 7.2 eV
2. 3.6 eV
3. 12.2 eV
4. 15.3 eV
5. 3.2 eV

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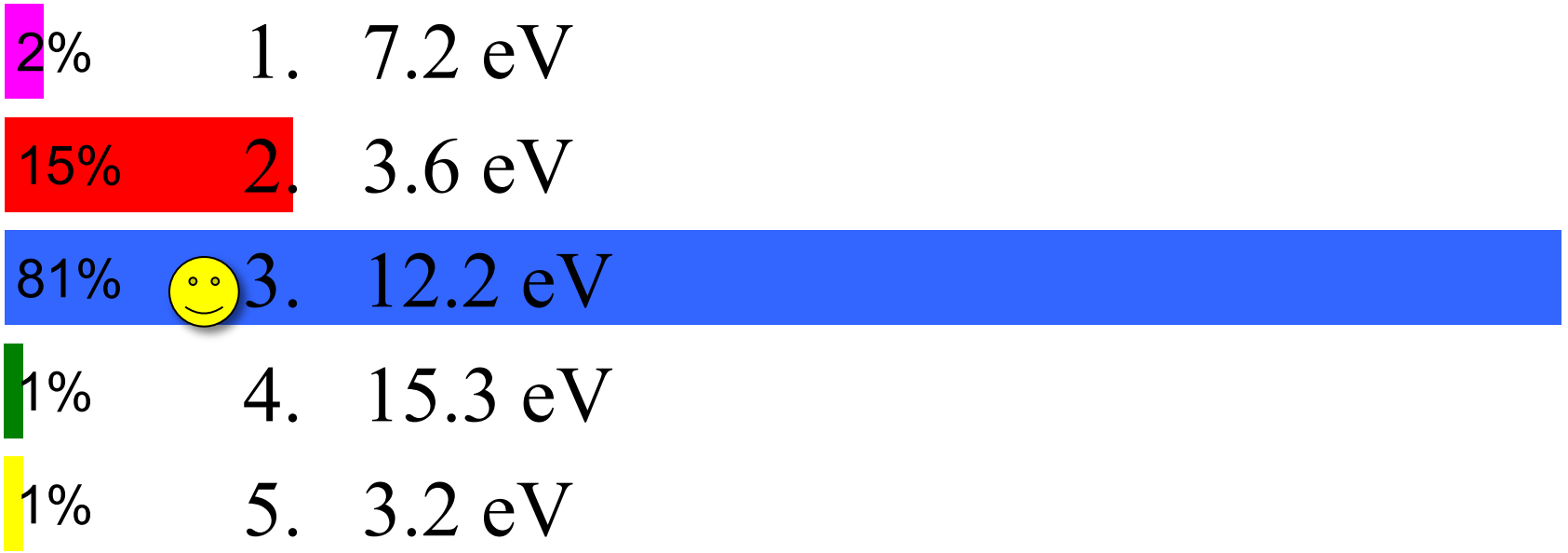
What is the energy of the incident light?



Which pitcher's fastball has the longest wavelength?

1. 94 mph

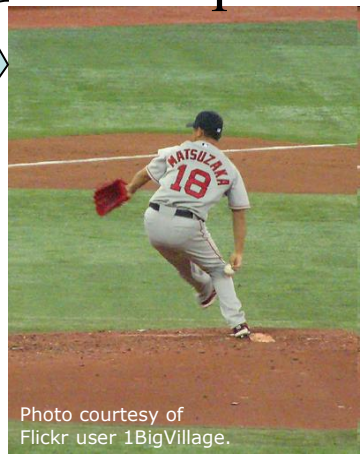


Photo courtesy of Flickr user 1BigVillage.

2. 75 mph

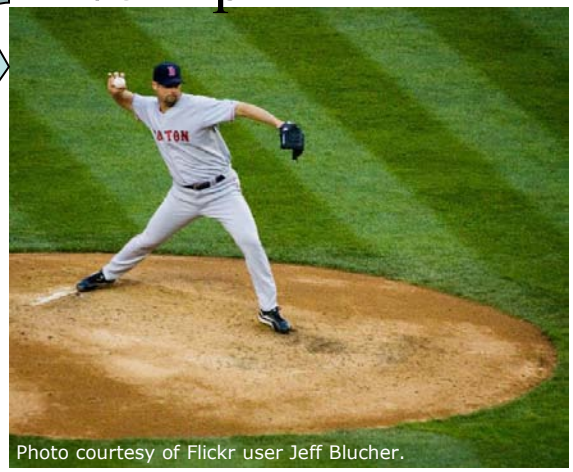


Photo courtesy of Flickr user Jeff Blucher.

3. 96 mph

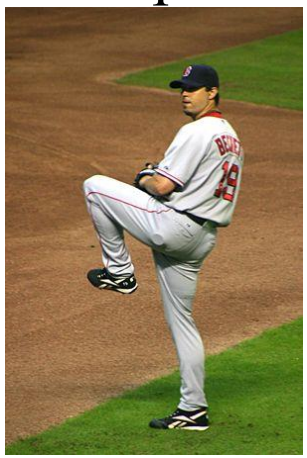


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Photo courtesy of Greg Peverill-Conti.

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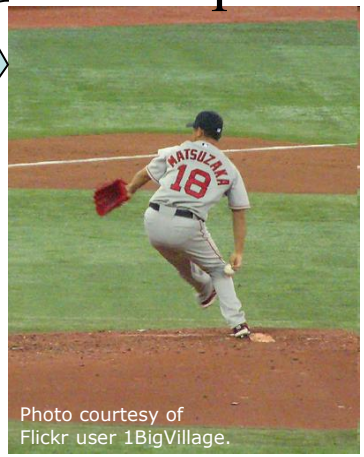

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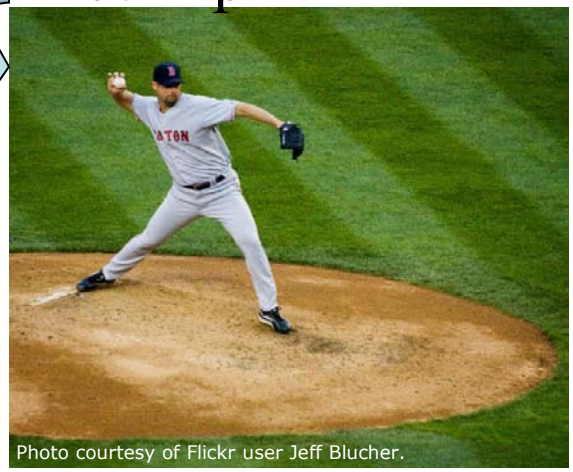
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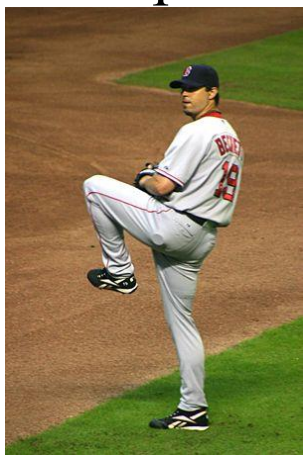

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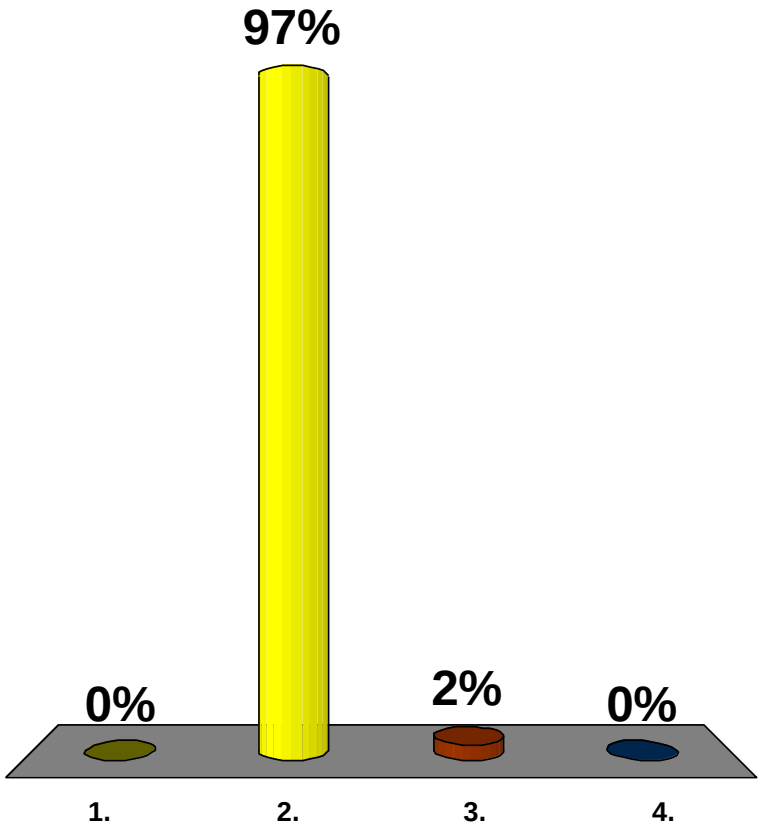

5.111 Principles of Chemical Science
Fall 2014