

Yttrium

Transition Metal

Symbol

Y

Atomic number

39

Atomic weight (amu)

88.90

Atomic radius (pm)

212

Melting Point (K)

1799

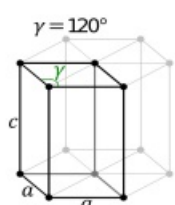
Boiling Point (K)

3618

Phase - Solid



Crystal Structure



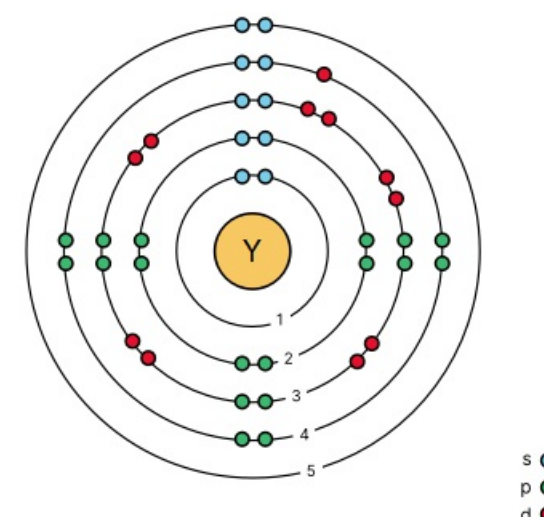
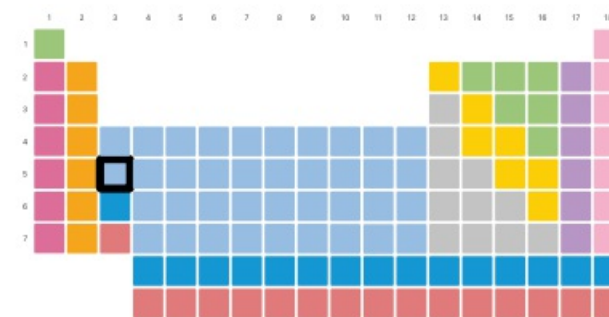
Simple Hexagonal

History

The element Yttrium was discovered by J. Gadolin in year 1794 in Finland . Yttrium was first isolated by G. Mosander in 1842 . Yttrium derived its name from Ytterby, Sweden.

Appearance

silvery white



[Kr] 4d¹ 5s²
[2, 8, 18, 9, 2]

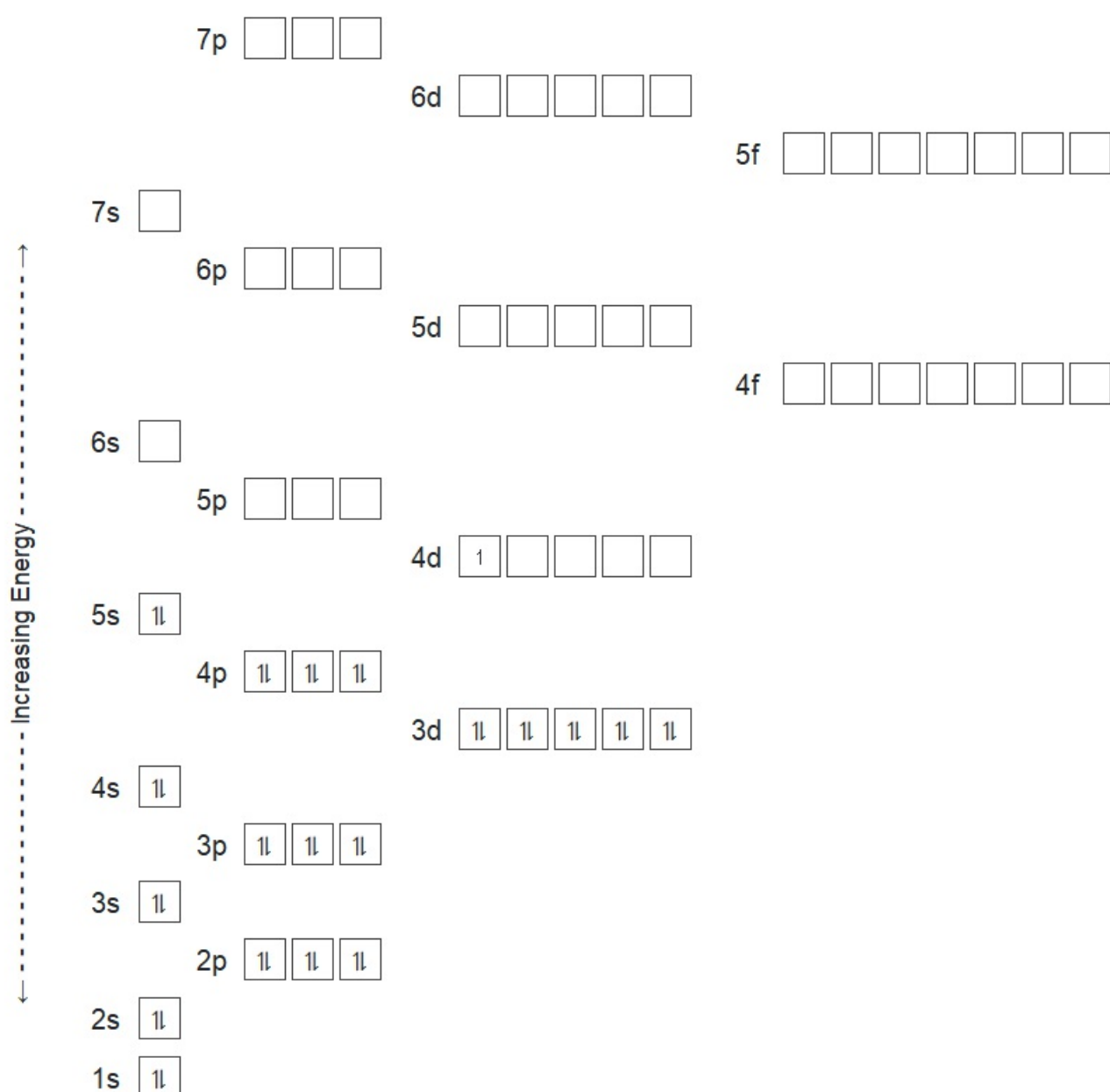
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Yttrium

Transition Metal

Electronic Configuration



39

88.90585

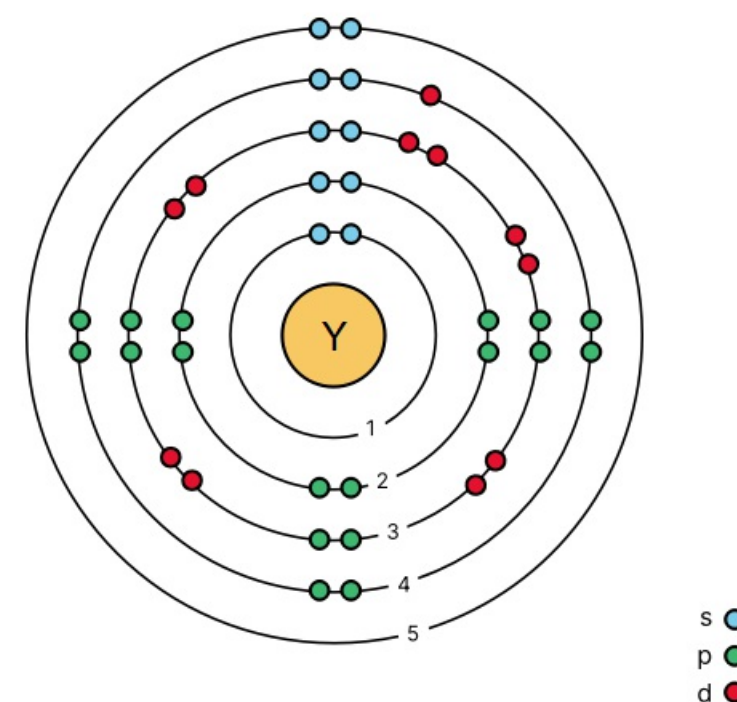
Y

Yttrium

[Kr] 4d¹ 5s²

Solid

Simple Hexagonal



[Kr] 4d¹ 5s²
[2, 8, 18, 9, 2]

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