

Vedic Scales – Natural Fourth

♮4	♮3	♮6	♮7	♮2	SRGmPDN		Ionian (Major) Bilaval Thata
			♮7	♭2	SrGmPDN		♭2
			♭7	♮2	SRGmPDn		Mixolydian Mode ♭7
			♭7	♭2	SrGmPDn		♭27
		♭6	♮7	♮2	SRGmPdN		♭6
			♮7	♭2	SrGmPdN		Bhairava Thata ♭26
			♭7	♮2	SRGmPd n		♭67
			♭7	♭2	SrGmPd n		♭267
	♭3	♮6	♮7	♮2	SRgmPDN		♭3
			♮7	♭2	SrgmPDN		♭23
			♭7	♮2	SRgmPDn		Dorian Minor ♭37
			♭7	♭2	SrgmPDn		♭237
		♭6	♮7	♮2	SRgmPdN		Minor Large ♭36
			♮7	♭2	SrgmPdN		Melodic Minor ♭236
			♭7	♮2	SRgmPd n		Aeolian Minor ♭367
			♭7	♭2	SrgmPd n		Phrygian Mode ♭2367

Vedic Scales – Sharp Fourth

#4	#3	#6	♯2	SRGMPDN		Lydian Mode #4		
			♯7	♭2	SrGMPDN		Marava Thata ♭2#4	
			♯2	SRGMPDn		♭7#4		
			♭7	♭2	SrGMPDn		♭27#4	
		#6	♯7	♯2	SRGMPdN		♭6#4	
				♭2	SrGMPdN		Sri Thata ♭26#4	
			♯7	♯2	SRGMPdn		♭67#4	
				♭2	SrGMPdn		♭267#4	
			#3	#6	♯2	SRgMPDN		♭3#4
					♯7	♭2	SrgMPDN	
	♯2	SRgMPDn				♭37#4		
	♭7	♭2			SrgMPDn		♭237#4	
	#6	♯7		♯2	SRgMPdN		♭36#4	
				♭2	SrgMPdN		Todi Thata ♭236#4	
		♯7		♯2	SRgMPdn		♭367#4	
				♭2	SrgMPdn		♭2367#4	

Vedic Scales – Explanation

This chart, meant to be used as a reference, shows the 32 basic Vedic scales. All Vedic scales (*thatas*) are heptatonic, or have seven scale tones (*svaras*). These are denoted as follows:

Scale Tone	<i>Svara</i>	Abbreviation
1	Sa	S
2	Ri	R
3	Ga	G
4	Ma	M
5	Pa	P
6	Dha	D
7	Ni	N

S and P are always perfect (natural); M may be natural (*suddha*) or sharp (*tivra*), and R, G, D and N may be natural or flat (*komal*). A controversy exists between the Northern and Southern schools of Vedic music whether Suddha Ma is actually the natural or the sharp Ma, in which case the natural Ma would become Komal (flat) Ma. This argument is based on the acoustic roots and harmonic values of all the intervals in the scale combined, and has some merit on this basis. Consequently we notate the scale tones as follows:

Scale Tone	<i>Svara</i>	Abbreviation
1	Sa	S
2	Komal Ri	r
	Suddha Ri	R
3	Komal Ga	g
	Suddha Ga	G
4	Komal Ma	m
	Suddha Ma	M
5	Pa	P
6	Komal Dha	d
	Suddha Dha	D
7	Komal Ni	n
	Suddha Ni	N

For example, the ordinary Western Major scale is notated **SRGmPDN**, the Lydian Mode is notated **SRGMpDN** and the ordinary Dorian Minor is notated **SRgmPDn**. We also categorize the scales by natural or sharp 4 (according to the Western conception), and natural or flat 3, 6, 7 and 2. These categorizations are divided in order of the harmonic significance of the intervals concerned. Finally, the scale is shown in Western musical notation as it be spelled in the key of C.