

Table of Contents

Part I	The Bebop Scales	
	The Bebop Dominant Scale	1
	The Bebop Major Scale	12
	Bebop Solo	38
Part II	Other Scales and Their Use	
	Scale Syllabus	40
	20 Public Domain Whole-Tone Patterns	43
	26 Public Domain Diminished Patterns	45

Preface

Of all the styles to emerge from jazz, perhaps the most important and pervasive in terms of influence and consequence is that body of music which had its inception in the early 1940s. In the playing of its two main giants, Dizzy Gillespie and Charlie Parker, the music which is now known as bebop was born.

In the ensuing years, the music and its musicians have not only endured but have grown in stature and influence. Since Diz and Bird, virtually every voice in jazz has demonstrated an indebtedness to them and the exciting new style that they pioneered.

I think that one could say without fear of contradiction that bebop is the common practice period of jazz. Very little music in popular idioms has escaped its influence and older styles that coexist with it have absorbed many of its characteristics and strengths.

Almost all later styles—cool, hard bop, funky, contemporary mainstream (4ths, pentatonics, angularity, etc.), thirdstream, fusion, etc.—have all borrowed liberally from the language, structure, syntax, grammar, gestures, etc., of bebop.

For years it has been an unwritten law that the understanding of, and ability to function comfortably in bebop represents a solid basis for dealing with almost all other jazz styles; even though many of the styles of “free jazz” seemed to have leaped backwards to earlier styles for their major impetuses, the base majority of today’s players came from bebop or one of its myriad offshoots.

One need only observe the ever important groups such as those of the master Dizzy Gillespie, Art Blakey’s Jazz Messengers, Horace Silver’s groups, groups led by such musicians as J. J. Johnson, Freddie Hubbard, Woody Shaw, Sonny Rollins, Dexter Gordon, Stan Getz, McCoy Tyner, James Moody, Wynton Marsalis, etc., to realize that bebop is still the main center of the jazz universe.

In our major educational institutions the bebop flame continues to burn brightly as we see generation after generation of young talent emerging with a healthy respect and solid understanding of this rich tradition. To be sure, many of these players will choose styles such as fusion, various areas of free improvisation, etc., but their musical vistas will be infinitely wider for having come to terms with bebop. Perhaps saxophonist-composer-educator-bandleader Frank Foster really hit the nail on the head when he referred to the music in this way: “Bebop, the music of the future.”

Part I

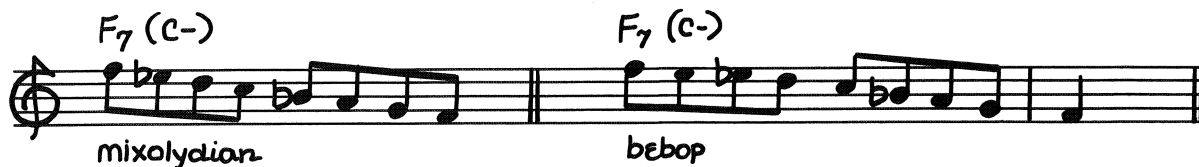
THE BEBOP SCALES

From the early 1920s, jazz musicians attempted to make their improvised lines flow more smoothly by connecting scales and scale tones through the use of chromatic passing tones. In a detailed analysis of more than 500 solos by the acknowledged giants from Louis Armstrong through Lester Young and Coleman Hawkins, one is aware, first, of the increased use of scales (as opposed to arpeggios and chord outlines) and then the increasing use of chromaticism within these scales. An unusual fact about this increased chromaticism is that, despite the frequent re-occurrence of certain licks or patterns, no discernible design with regard to how the extra chromatic tones are added emerges. The overall impression is a somewhat arbitrary or random use of chromaticism.

When one listens to the great players from the distant and near past, one of the main things that tends to “date” their playing (aside from technological improvements in recording techniques, changes with regard to harmonic and rhythmic formulae, etc.) is this lack of unanimity with regard to the use of melodic chromaticism.

From his earliest recordings Charlie Parker can be observed groping for a method for making the modes of the major scale sound less awkward and for rendering them more conducive to swing and forward motion. Gradually, in a systematic and logical way, he began using certain scales with added chromatic tones. Dizzy, approaching the scales from an entirely different direction, began utilizing the same techniques for transforming them. These scales became the backbone of all jazz from bebop to modal music.

A study of a large number of representative solos from the bebop era yields a set of very complex governing rules that have now been internalized and are a part of the language of all good players in the bebop and post-bebop tradition. Very simply stated, the added chromatic tones make the scales “come out right.” Play a descending mixolydian scale and then play the bebop version of the scale and see how much smoother the second scale moves.



There are a number of reasons why the second scale makes sense. First, in the second scale all of the chord tones are on down beats; and second, the tonic of the scale falls on beat one of each successive measure, and the fifth (C) falls on beat 3.

THE BEBOP DOMINANT SCALE

This scale is spelled 1-2-3-4-5-6-b7- \flat 7-1 and the rules governing its use are given with the dominant seventh chord as the point of reference. The scale is also used on the related minor seventh chord (II) and, under special conditions to be discussed later, on the related half-diminished seventh chord (VII), i.e. the following:

$$\left[\begin{array}{l} G- \\ C_7 \\ E\phi \text{ (under special conditions)} \end{array} \right] = C-D-E-F-G-A-B\flat-B\flat-C$$

Rules

1. On a dominant seventh chord the scale is reckoned from the root of the chord, i.e., $C_7 = C$ dominant (bebop)
2. On a minor seventh chord the scale is reckoned from the root of the related dominant seventh chord, i.e., $G- = C$ dominant (bebop)

- G. Choose starting tones randomly.
- H. Playing a continuous line, move into each new chord by conjunct motion (by half step or whole step), as in the following example:

Exercise H shows a continuous line of eighth notes across three staves. The first staff starts with a C7 chord and ends with an F7 chord. The second staff starts with a Bb7 chord. The third staff starts with an Eb7 chord and ends with 'etc.'

- 2. Bebop scales (dominant). Repeat all exercises from #1 (A-H). Use changes that move at the rate of one per measure, as in the following:

Exercise 2 shows a sequence of four measures on a single staff. The first measure is C7, the second is F7, the third is Bb7, and the fourth is Eb7, followed by 'etc.'

- 3. Playing by EAR realize random 7th and minor 7th chords using the bebop scales from a single starting tone, as in the following example using C:

Exercise 3 shows four staves of bebop scales starting from C. The first staff is C7 to Ab7. The second staff is E7. The third staff is F7 to F#- (B7). The fourth staff is D7 followed by 'etc.'

Using starting notes chosen randomly, play the preceding exercise. As preparation, practice the following exercise, leaving a measure to listen to each new chord before playing.