ImproViz
Visualizing Jazz Improvisations
MELODIC LANDSCAPES
Each soloist played four choruses of the tune, lasting two minutes.
Each row shows the tune’s 12-bar structure to reveal patterns of phrasing across choruses. Solos can be viewed as four separate rows or as one row in which multiple choruses are overlaid.
The solos have been transposed to concert key to facilitate comparison.

HARMONIC PALETTES

The clusters of noteheads below represent each soloist’s harmonic palette, his tendency to play particular notes over particular chords. The more noteheads, the more time that note was used.
Empty noteheads represent fundamental notes of the given chord that were not voiced by the soloist.
Aggregations (at bottom right) represent the total distribution of notes played by a soloist.
In the composited harmonic palette (bottom row) all three soloists’ notes have been distilled.

ABOUT
Analysis & Visualization by Jon Snydal
based on transcription by Rob DuBoff, Mark Vinci, Mark Davis and Josh Davis.

ALL BLUES
Written by Miles Davis; Recorded April 6, 1959 (Take 1), on the Columbia release "Kind of Blue"
Improvisations by Miles Davis (trumpet), Julian "Cannonball" Adderley (alto sax) and John Coltrane (tenor sax)

MELDIDIC LANDSCAPES

Chorus 1
Chorus 2
Chorus 3
Chorus 4

Miles Davis

Aggregations

Notehead:

Notehead:

Notehead:

Notes with black dots are not the main tones of the chord.
Note: time scale varies.

Unfilled noteheads show tones of chord (1st, 3rd, 5th & 7th) that were not played.
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Chorus 1

Chorus 2

Chorus 3

Chorus 4

G7
Gm7
G7
D7#9
Eb7#9
D7#9
G7

Unfilled noteheads show tones of chord (1st, 3rd, 5th, & 7th) that were not played

Notehead:

Notedhead:

Notedhead:

Each filled notehead shows how long the note was played in beats and seconds. Notes with black dots are not the main tones of the chord. Note: time scale varies.

Cannonball Adderley

Aggregations

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Improv 1

Chorus 1

G7

Chorus 2

Gm7

Chorus 3

G7

Chorus 4

D7#9

Eb7#9

D7#9

G7

G7

G7

Gm7

D7#9

G7

Aggregations

Eb7#9

D7#9

Composite of Davis, Adderley & Coltrane

Miles Davis

Cannonball Adderley

John Coltrane

Notehead:
2 beats
1 sec.

Notehead:
23 beats
11 secs.

Notehead:
10 beats
5 secs.

Notehead:
2 beats
1 sec.

Notehead:
5 beats
2 secs.

Notehead:
4 beats
2 secs.

Notehead:
5 beats
2 secs.

Notehead:
4 beats
2 secs.

Notehead:
5 beats
2 secs.

Notehead:
4 beats
2 secs.

Notehead:
5 beats
2 secs.

Notehead:
4 beats
2 secs.

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2 secs.

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