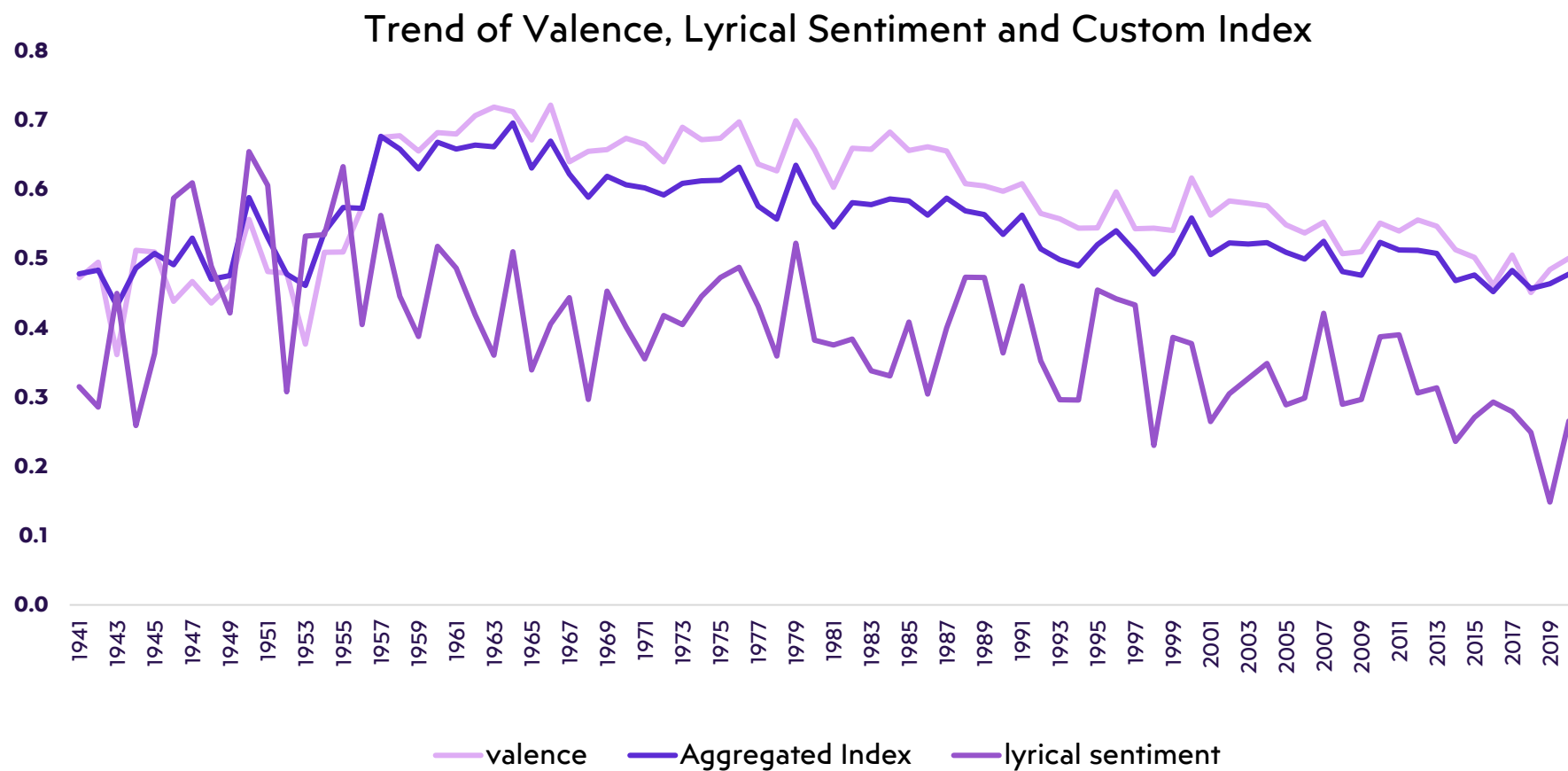


# Audio Features

```
{
  "danceability": 0.956,
  "energy": 0.795,
  "key": 7,
  "loudness": -5.311,
  "mode": 1,
  "speechiness": 0.15,
  "acousticness": 0.00356,
  "instrumentalness": 0.889,
  "liveness": 0.0906,
  "valence": 0.841,
  "tempo": 121.294,
  "type": "audio_features",
  "id": "1pKYYY0dkg23sQQXi0Q5zN",
  "uri": "spotify:track:1pKYYY0dkg23sQQXi0Q5zN",
  "track_href": "https://api.spotify.com/v1/tracks/1pKYYY0dkg23sQQXi0Q5zN",
  "analysis_url": "https://api.spotify.com/v1/audio-analysis/1pKYYY0dkg23sQQXi0Q5zN",
  "duration_ms": 429533,
  "time_signature": 4
}
```

Sample output from Spotify audio features API.



Valence is a custom feature developed by Spotify.

*A measure from 0.0 to 1.0 describing the musical positiveness conveyed by a track. Tracks with high valence sound more positive (e.g. happy, cheerful, euphoric), while tracks with low valence sound more negative (e.g. sad, depressed, angry).*

All three measures indicate a downward trend. This behavior correlates to what was happening in history such as the World War and the Great Depression in the 1940s and 50s, Counterculture and rise of the hippie in the 60's, 70s disco, 80s pop, 90s grunge, 2000s alt followed by today's modern era of R&B influenced pop.

Interesting to note that gradient for lyrical sentiment is much steeper than valence and the aggregated index (perhaps suggesting that modern day artists hide their moody undertones in cheery beats and sound).