

What Can Spotify Say About Your Mood?

About Our Work

It's not a secret that we listen to cheerful music when we are **happy** and **melancholic** music when we are **sad**. We looked what kind of **music** the world listened to in 2022 and asked ourselves:

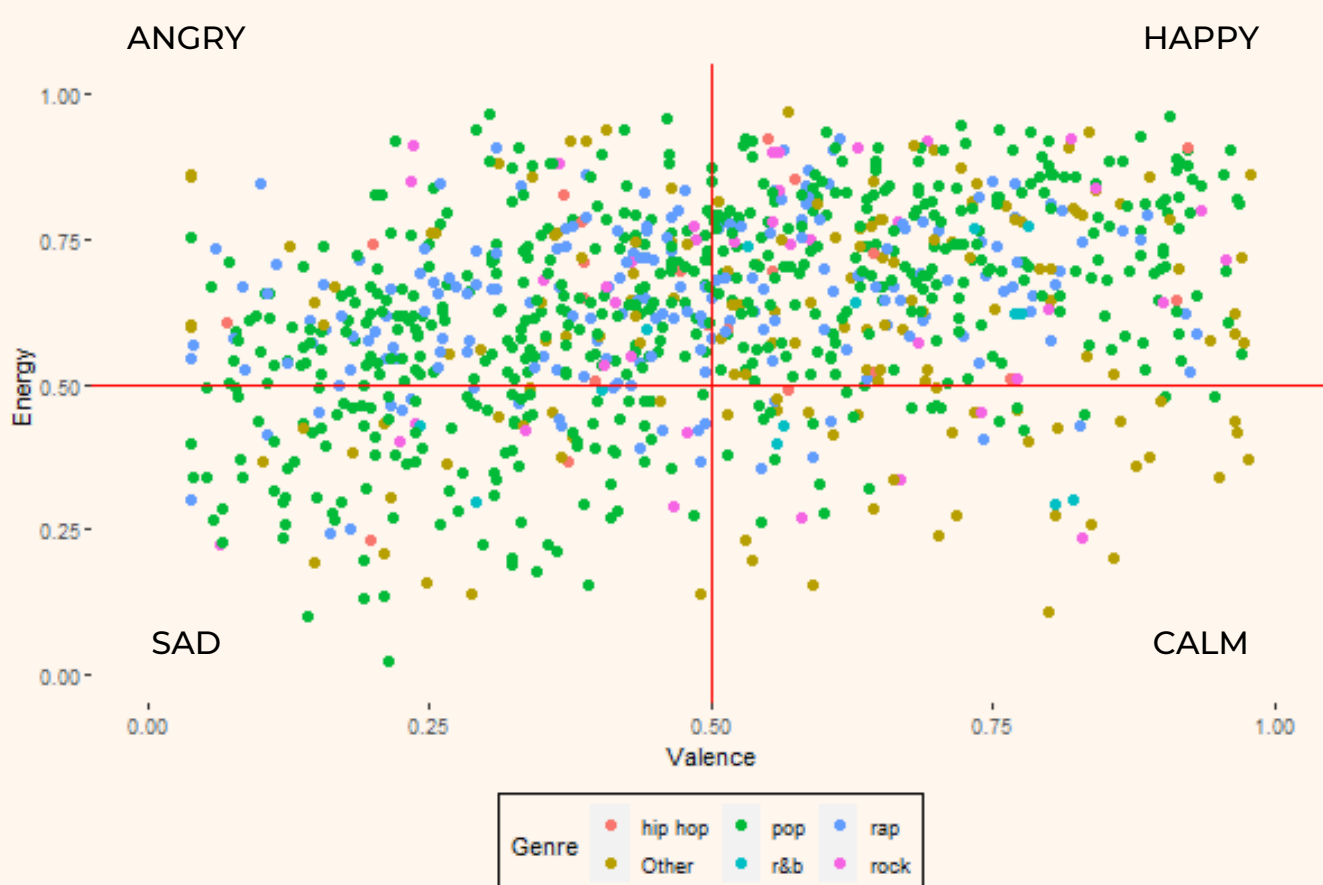
- when the whole world is in **high spirits**, and when so-so?

- in which country do people listen to **happier** music?

- is **happiness** trending?

- which popular artist conveys the most **positiveness** in his tracks?

Let's find it out together!



We took a look at Valence and Energy distribution across songs present in weekly top rankings of Spotify in year 2022. We noticed that songs with relatively higher energy values appeared more often, while the smallest group consisted of songs with relatively low energy and high valence values, which combined, in most cases induce sense of calmness. Based on our findings, most of the trending songs cause listener to feel happy, therefore happiness is definitely trending.

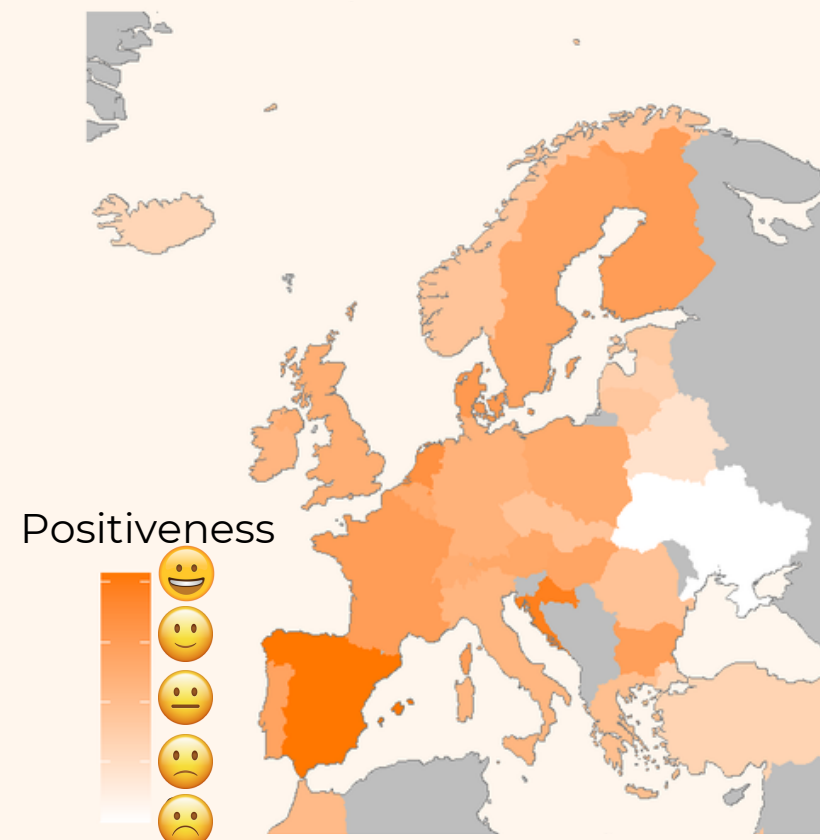
The Mood of the Planet

Spotify analyzes music with metrics like duration, instrumentalness, danceability, and positivity (measured on a 0 to 1 scale).

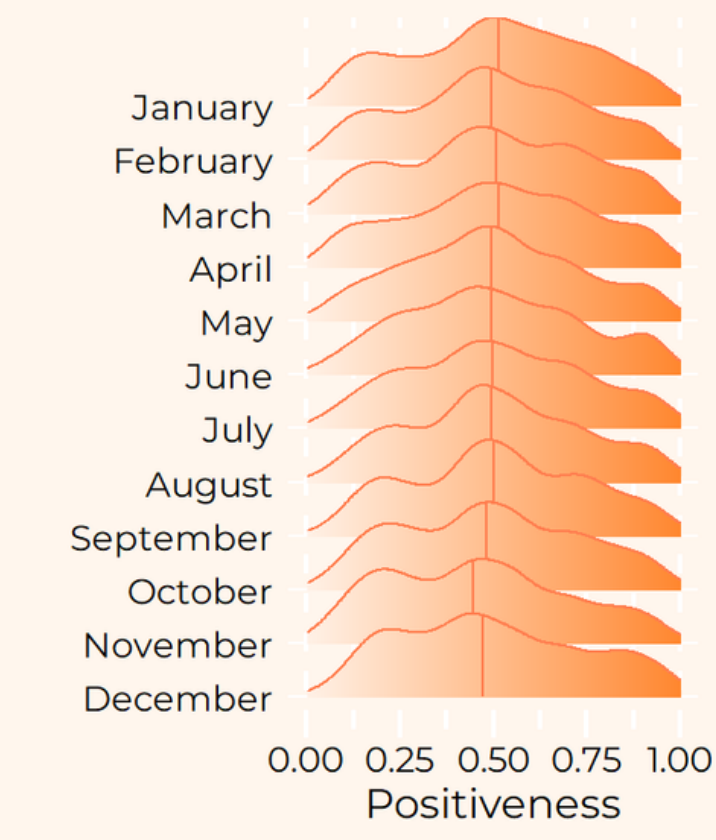
Plotting the distribution of positivity by month shows that we're happiest in the middle of winter (Happy New Year!), and saddest during autumn (guess why). And spring cheers us up!

Plotting the average positiveness by country we could state that people are quite happy in Spain :)

Positiveness Over Europe



Distribution of Positiveness



And what about our favorites?

We have compared mean characteristics of the songs of 5 most popular artists in 2022 and presented them in a form of radar charts. As we can see below, the mean value of Valence of songs written by Harry Styles is the highest. Which leads us to believe that his tracks convey the most positiveness.

