Ruby master - Feature #17485

Keyword argument for timezone in Time.new

12/28/2020 02:04 PM - nobu (Nobuyoshi Nakada)

Status: Closed
Priority: Normal
Assignee: 
Target version: 

Description
Currently, Time.at and Time.now accept a timezone as a keyword argument, but not Time.new. This means minor arguments cannot be omitted for Time.new.

```ruby
Time.new(2021, 1, 1, 0, 0, 0, "+09:00") #=> ok: 2021-01-01 00:00:00 +0900
Time.new(2021, 1, "+09:00") #=> bad: 2021-01-01 09:00:00 +0900
Time.new(2021, 1, 1) #=> bad: 2021-01-09 00:00:00 +0900
Time.new(2021, "+09:00") #=> ArgumentError (mon out of range)
```

Suggest that Time.new should also accept the in: timezone option.

```ruby
Time.new(2021, 1, 1, 0, 0, 0, "+09:00") #=> ok: 2021-01-01 00:00:00 +0900
Time.new(2021, 1, 1, in: "+09:00") #=> ok: 2021-01-01 00:00:00 +0900
```

https://github.com/ruby/ruby/pull/4010

Related issues:
Related to Ruby master - Bug #17504: Allow UTC offset without colons per ISO-...

Closed

Associated revisions
Revision 4b15caee - 01/13/2021 09:15 AM - nobu (Nobuyoshi Nakada)
Added in: timezone option to Time.new [Feature #17485]

Revision e9b93d67 - 01/13/2021 09:37 AM - nobu (Nobuyoshi Nakada)
Positional and keyword arguments for timezone are exclusive
[Feature #17485]

Revision 4ffb0bd6 - 12/13/2021 05:20 AM - nobu (Nobuyoshi Nakada)
NEWS.md: Mention in: option of Time.new [Feature #17485]

Revision 0abf781a - 12/25/2021 04:14 AM - nobu (Nobuyoshi Nakada)
NEWS: Mention about more strict conversions for [Feature #17485]

History
#1 - 12/28/2020 02:09 PM - nobu (Nobuyoshi Nakada)
- Description updated

#2 - 12/28/2020 02:12 PM - nobu (Nobuyoshi Nakada)
- Description updated

#3 - 01/04/2021 01:27 AM - nobu (Nobuyoshi Nakada)
- Related to Bug #17504: Allow UTC offset without colons per ISO-8601 added

#4 - 01/12/2021 06:30 AM - akr (Akira Tanaka)
I think Time.new(2021, 1, 1, "+09:99") should raise an error instead of 2021-01-09 09:00:00 +0900.

#5 - 01/13/2021 11:41 AM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed
Applied in changeset `4b15caee8fe7a5aa52ed5a3ab2a3517c9206fd7`.

Added in: timezone option to Time.new [Feature #17485]