Date#rfc2822 and Time#rfc2822 don't return the same format

Using the rfc2822 method on various date/time classes returns a slightly different result each time:

```
Time.now.rfc2822      # => "Wed, 04 Jan 2017 10:21:06 -0500"
Date.today.rfc2822    # => "Wed, 4 Jan 2017 00:00:00 +0000"
Time.now.utc.rfc2822  # => "Wed, 04 Jan 2017 15:21:28 -0000"
DateTime.now.rfc2822 # => "Wed, 4 Jan 2017 10:21:39 -0500"
```

I don't think rfc2822 specifies if the day needs to have a prefix. The difference between the time zone +0000 and -0000 is technically correct.

History

#1 - 03/29/2017 09:25 AM - mozamimy (Moza USANE)

I created a patch to solve this issue in https://github.com/ruby/ruby/pull/1566
I want committers to merge this patch if it's acceptable :)

#2 - 03/29/2017 09:30 AM - mozamimy (Moza USANE)

RFC 2822 says the date part should be 1 or 2 digits. So current behavior doesn't violate the specification but I think it is more natural to adjust format.


#3 - 05/19/2017 07:25 AM - akr (Akira Tanaka)

- Status changed from Open to Feedback

I think there is no problem with time.rb.

I don't want to change the day format in time.rb because the current behavior is valid according to RFC 2822 and needless behavior change can cause incompatibility.

Also, time.rb's -0000 is intentional. It distinguishes UTC from the standard time of UK.

#4 - 07/25/2019 11:45 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Feedback to Closed