```
        -> 53
```

If a date falls in the last week of the previous year, MySQL returns `0` if you do not use `2`, `3`, `6`, or `7` as the optional *`mode`* argument:

```
mysql> SELECT YEAR('2000-01-01'), WEEK('2000-01-01',0);
        -> 2000, 0
```

One might argue that `WEEK()` should return `52` because the given date actually occurs in the 52nd week of 1999. `WEEK()` returns `0` instead so that the return value is "the week number in the given year." This makes use of the `WEEK()` function reliable when combined with other functions that extract a date part from a date.

If you prefer a result evaluated with respect to the year that contains the first day of the week for the given date, use `0`, `2`, `5`, or `7` as the optional *`mode`* argument.

```
mysql> SELECT WEEK('2000-01-01',2);
        -> 52
```

Alternatively, use the `YEARWEEK()` function:

```
mysql> SELECT YEARWEEK('2000-01-01');
        -> 199952
mysql> SELECT MID(YEARWEEK('2000-01-01'),5,2);
        -> '52'
```

- `WEEKDAY(`*`date`*`)`

  Returns the weekday index for *`date`* (`0` = Monday, `1` = Tuesday, … `6` = Sunday).

  ```
  mysql> SELECT WEEKDAY('2008-02-03 22:23:00');
          -> 6
  mysql> SELECT WEEKDAY('2007-11-06');
          -> 1
  ```

- `WEEKOFYEAR(`*`date`*`)`

  Returns the calendar week of the date as a number in the range from `1` to `53`. `WEEKOFYEAR()` is a compatibility function that is equivalent to `WEEK(`*`date`*`,3)`.

  ```
  mysql> SELECT WEEKOFYEAR('2008-02-20');
          -> 8
  ```

- `YEAR(`*`date`*`)`

  Returns the year for *`date`*, in the range `1000` to `9999`, or `0` for the "zero" date.

  ```
  mysql> SELECT YEAR('1987-01-01');
          -> 1987
  ```

- `YEARWEEK(`*`date`*`)`, `YEARWEEK(`*`date,mode`*`)`

  Returns year and week for a date. The year in the result may be different from the year in the date argument for the first and the last week of the year.

  The *`mode`* argument works exactly like the *`mode`* argument to `WEEK()`. For the single-argument syntax, a *`mode`* value of 0 is used. Unlike `WEEK()`, the value of `default_week_format` does not influence `YEARWEEK()`.

  ```
  mysql> SELECT YEARWEEK('1987-01-01');
  ```