

**NAME**

`xzgrep` - search compressed files for a regular expression

**SYNOPSIS**

`xzgrep` [*grep\_options*] [-e] *pattern file...*

`xzegrep` ...

`xzfgrep` ...

`lzgrep` ...

`lzegrep` ...

`lzfgrep` ...

**DESCRIPTION**

`xzgrep` invokes [grep\(1\)](#) on *files* which may be either uncompressed or compressed with [xz\(1\)](#), [lzma\(1\)](#), [gzip\(1\)](#), [bzip2\(1\)](#), or [lzop\(1\)](#). All options specified are passed directly to [grep\(1\)](#).

If no *file* is specified, then standard input is decompressed if necessary and fed to [grep\(1\)](#). When reading from standard input, [gzip\(1\)](#), [bzip2\(1\)](#), and [lzop\(1\)](#) compressed files are not supported.

If `xzgrep` is invoked as `xzegrep` or `xzfgrep` then [egrep\(1\)](#) or [fgrep\(1\)](#) is used instead of [grep\(1\)](#). The same applies to names `lzgrep`, `lzegrep`, and `lzfgrep`, which are provided for backward compatibility with LZMA Utils.

**ENVIRONMENT**

**GREP** If the **GREP** environment variable is set, `xzgrep` uses it instead of [grep\(1\)](#), [egrep\(1\)](#), or [fgrep\(1\)](#).

**SEE ALSO**

[grep\(1\)](#), [xz\(1\)](#), [gzip\(1\)](#), [bzip2\(1\)](#), [lzop\(1\)](#), [zgrep\(1\)](#)