

**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\(1\)](#), [zegrep\(1\)](#)