NAME

   XvGetPortAttribute − return current port attribute value

SYNOPSIS

   #include <X11/extensions/Xvlib.h>

   int XvGetPortAttribute(Display **dpy***, XvPortID** *port***,**
         Atom *attribute***, int** *p_value***);**

ARGUMENTS

   dpy   Specifies the connection to the X server.

   port   Specifies the port, associated with the given display, for which the attribute values are to be
                 returned.

   attribute   An atom that identifies the attribute to be queried by this request. Control atoms are ob-
                 tained using the XInternAtom request with a string from the following table.

   p_value   Pointer to the location where the attribute value is written on return.

DESCRIPTION

   XvGetPortAttribute(3) returns the current value of the requested port attribute in the integer pointed to by
   p_value. The attribute is identified using an Atom that equates to the attribute name. The XInternAtom re-
   quest can be used with one of the strings below to return a matching Atom.

Attribute String	Type	Default
"XV_ENCODING"	XvEncodingID	Server dependent
"XV_HUE"	[-1000...1000]	0
"XV_SATURATION"	[-1000...1000]	0
"XV_BRIGHTNESS"	[-1000...1000]	0
"XV_CONTRAST"	[-1000...1000]	0

RETURN VALUES

   [Success]
          Returned if **XvGetPortAttribute**(3) completed successfully.

   [XvBadExtension]
          Returned if the Xv extension is unavailable.

   [XvBadAlloc]
          Returned if **XvGetPortAttribute**(3) failed to allocate memory to process the request.

DIAGNOSTICS

   [XvBadPort]
          Generated if the requested port does not exist.

   [BadMatch]
          Generated if the requested attribute atom does not specify an attribute supported by the adaptor.

SEE ALSO

   XvSetPortAttribute(3), **XvPortNotify**(3)