### [by](by.docx) (By)

This element describes the relative offset value for the animation.

[Example: Consider a shape with an animation effect that scales the size of an object by 150%. The <by> element should be used as follows:

<p:[animScale](animScale.docx)>

<p:[cBhvr](cBhvr.docx)>

<p:[cTn](cTn.docx) id="6" dur="2000" fill="hold"/>

<p:[tgtEl](tgtEl.docx)>

<p:[spTgt](spTgt.docx) spid="4"/>

</p:[tgtEl](tgtEl.docx)>

</p:[cBhvr](cBhvr.docx)>

<p:[by](by.docx) x="150000" y="150000"/>

</p:[animScale](animScale.docx)>

End Example]

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| --- |
| Parent Elements |
| [animMotion](animMotion.docx) (§); [animScale](animScale.docx) (§) |

|  |  |
| --- | --- |
| Attributes | Description |
| x (X coordinate) | This attribute describes the X coordinate.  The possible values for this attribute are defined by the ST\_Percentage simple type (§). |
| y (Y coordinate) | This attribute describes the Y coordinate.  The possible values for this attribute are defined by the ST\_Percentage simple type (§). |

The following XML Schema fragment defines the contents of this element:

<complexType name="CT\_TLPoint">

<attribute name="x" type="a:ST\_Percentage" use="required"/>

<attribute name="y" type="a:ST\_Percentage" use="required"/>

</complexType>