


### Simple Use Case

```
var pb = new
    YAHOO.widget.ProgressBar().render("pbDiv1");
```

Creates a simple ProgressBar in the container with an ID of "pbDiv1" with all default values.



### Constructor: YAHOO.widget.ProgressBar

```
YAHOO.widget.ProgressBar( {attName:attValue, ...});
```

Argument is an optional object literal of attribute name:value pairs. Constructor inherits from YAHOO.util.Element. Element's attributes and methods are also available.

### CSS Class Names

Selector	Attribute	Description
.yui-pb	width height	Overall size of the ProgressBar. It can also be set via the <i>width</i> and <i>height</i> configuration settings.
.yui-pb	background-image background-color	Background to be used on the area that the bar is not covering.
.yui-pb	border	Border around the component.
.yui-pb-bar	background-image background-color	Image or color to use for the bar itself.
.yui-pb-bar	margin	Offset from the edge of the ProgressBar to where the transparency of the mask (if applicable) starts.
.yui-pb .yui-pb-anim	background-image background-color	Image or color to use for the bar while it is moving.
.yui-pb-mask div	background-image	Mask with transparencies that allow the bar to show through.
.yui-pb-caption	font and others	Not used by the ProgressBar. Defined in the "Sam" skin to style the display of the bar's value.
.yui-pb-range	font and others	Not used by the ProgressBar. Defined in the "Sam" skin to style the display of the <i>minValue</i> and <i>maxValue</i> values.

### Interesting Moments in ProgressBar

Event	Fires...	Arguments
start	... once when the bar is about to move.	Returns the value represented by the bar at the instant event is fired.
progress	... at least once while the bar is moving.	
end	... when the bar has reached the value set.	

ProgressBar events are Custom Events; subscribe to them by name using the following syntax: `pb.subscribe("start", fn);`.

### Solution: Cancel Default "Sam" Skin

```
.yui-skin-sam .yui-pb {
    background-color:transparent;
    background-image:none;
    border:none;
}

.yui-skin-sam .yui-pb-bar {
    background-color:transparent;
    background-image:none;
}

.yui-skin-sam .yui-pb-mask {
    border:none;
    margin:0;
}
```

### Solution: Vertical Thermometer

Draw a vertical ProgressBar representing a thermometer with a range between 32 and 212 degrees Ferenheit. Width and height values are set in pixels. The bar will be red over a silver background and with a thin black border using custom style values.

```
var pb = new
    YAHOO.widget.ProgressBar({width:10,height:100,
    direction:"btt",minValue:32,maxValue:212,value:70,
    anim:true,ariaTextTemplate:"{value} degrees Fahrenheit});

pb.render("thermometerDiv");

var anim = pb.get("anim");
anim.duration = 2; // seconds
anim.method = YAHOO.util.Easing.easeBoth;

YAHOO.util.Dom.setStyle(pb.get("barEl"), "backgroundColor",
    "red");
pb.setStyle("backgroundColor", "silver");
pb.setStyle("border", "thin solid black");
```

### YAHOO.widget.ProgressBar: Attributes

- value** (n)
- minValue** (n)
- maxValue** (n)
- width** (n|str)
- height** (n|str)
- direction** ("ltr"|"rtl"|"tbt"|"btt")
- anim** (b) Getter returns either an instance of YAHOO.util.Anim or null.
- ariaTextTemplate** (str)
- element** (el) Read-only.
- maskEl** (el) Read-only.
- barEl** (el) Read-only.

### YAHOO.widget.ProgressBar: Methods

- render**(container *el*, before *el*)
- redraw**()
- destroy**()

### YAHOO.widget.ProgressBar: Dependencies

ProgressBar requires the common YUI Core components (Yahoo, Dom, and Event) and Element. Animation is optional.