

Validate Color of an Object

This is an example of a script that detects the color of a specific object and then uses conditional statements to compare it to a reference color.

Web Designer Script

This is the AIQ designer test script to accomplish this validation. The script uses the `GetCssValue` function.

See [getCssValue for more information about the function.](#)

The example script uses the Appvance demo site. The object that the script is the comparing color of is a footer which contains the price of an item.

```
1  Navigate To  "https://demosite.appvance.net/"
2  Click  div(2, _in(div("product_1"))).xy(0.11, 0.58 )  add action
3  Store  FooterColor  =  getCssValue(byXPath("//div[@class='panel-footer text-center']/span[@class='price selling lead']"), "color");
4  Log  FooterColor  // Step Description
5  If  FooterColor == "rgb(51, 51, 50)"
6  |  Alert  "The color correspond"
7  Else
8  |  Alert  "Those are not the droids you are looking for..."
9  Endif
```

Download a copy of this script from: [ColorCheckExample.ds](#)

JS Code

For reference, this is the corresponding java script code for the ColorCheckExample test script.

```
/**
 * @aiq.webdesigner
 * This script requires AIQ Web Designer
 */
setShadowDOM(true);
```

```

navigateTo("https://demosite.appvance.net/");
click(fallback(`div(2, _in(div("product_1")).xy(0.11, 0.58)`),
`div(2, _in(div({'id':'product_1'})).xy(0.11, 0.58)`),
`div("panel-footer text-center").xy(0.11, 0.58)`),
`div("$15.99").xy(0.11, 0.58)`),
`byXPath("//div[@id='product_1']/div/div[2]").xy(0.11, 0.58)`),
`byXPath('//*[@class="panel-footer text-center"]').xy(0.11, 0.58)`),
`byXPath('/html/body/div[2]/div/div/div/div[2]/div/div/div[2]').xy(0.11, 0.58)`),
`byXPath("id('product_1')/div[@class='panel panel-default']/div[@class='panel-footer text-center']").xy(0.11, 0.58)`),
`byjQuery('div[class="row"] > div[class="col-md-3 col-sm-6 col-xs-6 product-list-item"] >
div[class="panel panel-default"] > div[class="panel-footer text-center"]').xy(0.11, 0.58)`),
`byjQuery('#product_1 > .panel.panel-default > .panel-footer.text-center').xy(0.11, 0.58
)`));
var FooterColor=getCssValue(byXPath("//div[@class='panel-footer text-center']//span[@class='price selling lead']"), "color");
log(FooterColor);
if (FooterColor == "rgb(51, 51, 50)") {
    alert("The color correspond");
}
else {
    alert("Those are not the droids you are looking for");
}

```

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If you have any feedback on this topic, please contact us at documentation@appvance.ai

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