**Features overview**

* Responsive (percentage values)
* Preserve Aspect ratio: shift key or from options
* Easy CSS/SCSS full customization
* Grid
* Minimum and Maximum crop area
* Mobile compatibility
* Methods and Events

**Installation**

Include JQuery js and plugin’s css and js files in your HTML code.

<script src="/lib/jquery.js"></script>

<link rel="stylesheet" href="/dist/rcrop.min.css" type="text/css" />

<script src="/dist/rcrop.min.js"></script>

Alert: Responsive Cropper uses [Clayfy JQuery Plugin](https://github.com/aewebsolutions/clayfy/) to drag an resize selected/crop area. So, if you are thinking to use Clayfy, you wont need to install it twice: just include rcrop files.

**Usage**

There is a basic usage for Responsive Cropper next. Further information you can find inside demos and options and events tables below.

$(document).ready(function(){

$('#image').rcrop();

});

Defining a minimimum size you are not only setting bounderies for the crop area, but also the aspect ratio that can be preserve.

Also, lets add a preview and a grid helper.

$('#image-4').rcrop({

minSize : [160,90],

preserveAspectRatio : true,

grid : true,

preview : {

display: true,

size : [80,45]

}

});

**Options**

Options can be set locally as a paramater or globally through $.rcrop.settings object.

| **Name** | **Type** | **Default** | **Description** |
| --- | --- | --- | --- |
| **grid** | bool | false | Generate a grid over crop area. |
| **full** | bool | false | Whether crop area must cover all image when is initilized. |
| **maxSize** | array | [null, null] | Maximum width and height of crop area. If not bounderies are required, set null. |
| **minSize** | array | [20, 20] | Minumum width and height of crop area. Also, this defines aspect ratio when preserveAspectRatio is turn on. |
| **preserveAspectRatio** | bool | false | Force to preserve aspect ratio of crop area |
| **inputs** | bool | true | Generate inputs with crop data (usefull to send to server) |
| **inputsPrefix** | string | void | A prefix to inputs. |
| **preview.display** | bool | false | Display a preview image of the crop area |
| **preview.wrapper** | string | void | a CSS selector (or a JQuery object) where append preview to. |
| **preview.size** | array | [50, 50] | Width and height of the preview image. |

**Events**

| **Event** | **Params** | **Description** |
| --- | --- | --- |
| **rcrop-ready** | event | When image has been read and Responsive Crop is ready. |
| **rcrop-change** | event | When crop area is being changed. |
| **rcrop-changed** | event | When crop area has been changed. |

**Methods**

You can call methods like : $('#image').rcrop('resize', 200,200)

| **Name** | **Params** | **Return** | **Description** |
| --- | --- | --- | --- |
| **resize** | width, height, x, y | void | Set a size and position of the crop area |
| **getValues** | void | Object | Get width, height, x, y values of the crop area. |
| **destroy** | void | void | destroy instance |