

# RESPONSIVE TABLES

Data tables are a **vital part** of many websites today.



Tue 23 Jul

Wed 24 Jul


Thu 25 Jul











Fri 26 Jul

Sat 27 Jul

Sun 28 Jul

Mon 29 Jul

Sort by:  ☐ Direct Flights Only

| Departs         | Arrives         | Stops | Flight | Operator         | Saver Lite ▼  | Saver ▼   | Flexi ▼   |
|-----------------|-----------------|-------|--------|------------------|---|---|---|
| SYD<br>06:45 AM | ADL<br>08:30 AM | 0     | VA 402 | Virgin Australia |  \$ 119.00 |  \$ 135.00   |  \$ 289.00   |
| SYD<br>08:40 AM | ADL<br>10:25 AM | 0     | VA 412 | Virgin Australia | Sold Out  |  \$ 199.00   |  \$ 289.00   |
| SYD<br>12:55 PM | ADL<br>02:40 PM | 0     | VA 418 | Virgin Australia | Sold Out  |  \$ 169.00   |  \$ 289.00   |
| SYD<br>04:05 PM | ADL<br>05:50 PM | 0     | VA 428 | Virgin Australia | Sold Out  |  \$ 249.00 |  \$ 289.00 |
| SYD<br>06:10 PM | ADL<br>07:55 PM | 0     | VA 436 | Virgin Australia | Sold Out  | Sold Out  |  \$ 289.00 |

## Booking Summary

MODIFY SEARCH

## Departing Flights

Select Flight

## Returning Flights

Select Flight

Guests: 1

## Price Summary

Fares

Taxes &amp; Airline Surcharges

Fees

Travel Extras

Seats



UK forecast

Latest/recent past

Climate

UK climate summaries

Climate averages

Weather extremes

Regional climates

Historic station data

Station networks

Methods/Analysis

Past weather events

Europe

World

Aviation

Marine

Events

Select one of the links below to view regional climate values for an element, ordered by year or rank.

Met Office defined regions that are used in the below:

[General regions map](#) | [Districts map](#)

## Rank ordered statistics

[Switch to year order](#)

| Region          | Max Temp | Min Temp | Mean Temp | Sunshine | Rainfall | Raindays<br>≥1.0mm | Days of<br>Air frost |
|-----------------|----------|----------|-----------|----------|----------|--------------------|----------------------|
| UK              |          |          |           |          |          |                    |                      |
| England         |          |          |           |          |          |                    |                      |
| Wales           |          |          |           |          |          |                    |                      |
| Scotland        |          |          |           |          |          |                    |                      |
| N Ireland       |          |          |           |          |          |                    |                      |
| England & Wales |          |          |           |          |          |                    |                      |
| England N       |          |          |           |          |          |                    |                      |
| England S       |          |          |           |          |          |                    |                      |
| Scotland N      |          |          |           |          |          |                    |                      |

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|  |   |  |   |   |   |   |   |   |  |  |  |   |
|--|---|--|---|---|---|---|---|---|--|--|--|---|
|  | 12pm<br><b>Midday Report</b>  | 12.31pm<br><b>Last of the Summer Wine</b><br>Must Be Good Dancer   | 1.02pm<br><b>Dalziel and Pascoe</b><br>A Clubbable Woman  |   |   | 2.32pm<br><b>The Wonder Years</b><br>Wayne on Wheels  | 3.02pm<br><b>Play School</b><br>In the Wild<br>3.29pm<br><b>Bert and Ernie's Great Adventures</b> | 3.35pm<br><b>Let's Go, Pocoyo</b><br>3.42pm<br><b>Tinga Tinga Tales</b><br>3.55pm<br><b>This is Emily Yeung</b> | 4.01pm<br><b>Raymond</b><br>4.11pm<br><b>Zoo Factor</b>  | 4.31pm<br><b>The Wannabes</b><br>4.54pm<br><b>BTN Daily</b>                            | 5pm<br><b>Eggheads</b><br>Eat My Quiz  | 5.30pm<br><b>ABC News: Early Edition</b>  |
|  | 11.45am<br><b>Mama Mirabelle's Home Movies</b><br>12.01pm<br><b>Sesame Street</b>             | 12.31pm<br><b>Fifi and the Flowertots</b><br>12.42pm<br><b>The Magic Roundabout</b><br>12.54pm<br><b>Hana's Helpline</b> | 1.05pm<br><b>Franklin</b>   | 1.33pm<br><b>Toby's Travelling Circus</b><br>1.45pm<br><b>Little Charley Bear</b><br>1.54pm<br><b>Fireman Sam</b> | 2.07pm<br><b>Gaspard and Lisa</b><br>2.19pm<br><b>Bookaboo</b>                                  | 2.32pm<br><b>Fun With Claude</b><br>2.44pm<br><b>Raa Raa! The Noisy Lion</b><br>2.55pm<br><b>Maya the Bee</b> | 3.09pm<br><b>Mouk</b><br>3.21pm<br><b>Jakers! The Adventures of Piggley Winks</b>                 | 3.45pm<br><b>Mister Maker Comes to Town</b>   | 4.04pm<br><b>The Hive</b><br>4.16pm<br><b>Daniel Tiger's Neighbourhood</b>   | 4.30pm<br><b>Play School</b><br>In the Wild<br>4.59pm<br><b>Peppa Pig</b>              | 5.05pm<br><b>Bananas in Pyjamas</b><br>5.17pm<br><b>Peppa Pig</b><br>5.22pm<br><b>Peter Rabbit</b> | 5.34pm<br><b>Shaun the Sheep</b><br>5.42pm<br><b>Peppa Pig</b><br>5.48pm<br><b>Charlie and Lola</b> |
|  | 11.38am<br><b>Trapped</b><br>12.03pm<br><b>BTN Extra</b><br>12.18pm<br><b>I Got a Rocket!</b> | 12.32pm<br><b>Erky Perky</b><br>12.46pm<br><b>Sally Bollywood: Super Detective</b>                                       | 1pm<br><b>The Twisted Whiskers Show</b><br>1.12pm<br><b>Fleabag Monkeyface</b><br>1.28pm<br><b>YooHoo and Friends</b> | 1.41pm<br><b>Oggy and the Cockroaches</b><br>1.50pm<br><b>Oggy and the Cockroaches</b>                            | 2.03pm<br><b>The High Fructose Adventures of Annoying Orange</b><br>2.15pm<br><b>Big Babies</b> | 2.31pm<br><b>I.N.K. Invisible Network Of Kids</b><br>2.55pm<br><b>Sea Princesses</b>                          | 3.08pm<br><b>Parallax</b>   | 3.31pm<br><b>News on 3 Update</b><br>3.37pm<br><b>Blue Water High</b>   | 4.03pm<br><b>The Jungle Book</b><br>4.14pm<br><b>Me And My Robot</b><br>4.27pm<br><b>The Twisted Whiskers Show</b> | 4.39pm<br><b>Almost Naked Animals</b><br>4.51pm<br><b>The Adventures of Figaro Pho</b> | 5.02pm<br><b>Horrible Histories</b>  | 5.33pm<br><b>M.I. High</b><br>Three Spies and a Baby  |
|  | 12pm<br><b>ABC News</b>   | 12.31pm<br><b>Newsline with Jim Middleton</b>  | 1pm<br><b>ABC News</b>  |   | 2pm<br><b>ABC News</b>  | 2.31pm<br><b>State to State</b>   | 3pm<br><b>Afternoon Live</b>  |   |  |  | 5.05pm<br><b>Capital Hill</b>  | 5.30pm<br><b>ABC News</b>   |

The problem

While data tables are often easy to display on wide screen, they are **very hard to display well on small screens.**

Data tables are often **wider than the available screen space** on small screen devices.



This means that they can **poke out the right edge of the viewport**, which leads to two common issues...

In some cases, this can cause the **entire page layout to break** or mean that users cannot access part of the data table content.

Are there  
solutions?

Here are some examples of  
different approaches to solving the  
**“Responsive table dilemma”**:

# CSS tricks method:

Flips table on side

<http://css-tricks.com/examples/ResponsiveTables/responsive.php>

# Mobifreaks method:

Flips table on side

<http://www.mobifreaks.com/wp-content/demos/Responsive-and-SEO-Friendly-Data-Tables/>

# The faux table method:

Uses a definition list

<http://jsbin.com/arixic>

## The hide rows method:

Columns gradually disappear as screen narrows

<http://www.irishstu.com/stublog/wp-content/uploads/2011/12/table-childs.html>



## **The user choose method:**

Users can choose columns to display

<http://filamentgroup.com/examples/rwd-table-patterns/>

# The Bushell method:

Flips table on side

[http://dbushell.com/demos/tables/rt\\_05-01-12.html](http://dbushell.com/demos/tables/rt_05-01-12.html)

# The Zurb method:

## Scrolling data cells

<http://www.zurb.com/playground/playground/responsive-tables/index.html>

# Concerns

Some of these solutions would be  
**hard to implement in the real  
world.**

Some of these solutions **may not work for all types of data tables.**

Some of these solutions could **confuse the end user** – such as flipping the table data, or hiding columns.

Some of these solutions are  
**JavaScript dependent**, which is  
not ideal.



Some of these solutions **actually hide table data**, which defeats the entire purpose of displaying the table at all.

# The exercise

Wrap the table in a **new container** and style it with overflow-y - which means that it will allow horizontal scrollbars.

```
<div class="table-container">  
  <table>  
    ...  
  <table>  
</div>
```

```
.table-container
{
    width: 100%;
    overflow-y: auto;
    margin: 0 0 1em;
}
```

If you look at this page on an iOS device you will see that there are **no scrollbars**. We can fix this by adding some additional CSS.

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| Header 1   | Header 2   | Head  |
|------------|------------|-------|
| row1_cell1 | row1_cell2 | row1_ |
| row2_cell1 | row2_cell2 | row2_ |
| row3_cell1 | row3_cell2 | row3_ |
| row4_cell1 | row4_cell2 | row4_ |
| row5_cell1 | row5_cell2 | row5_ |

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First, we need to set the **height** of the scrollbar mechanism.



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|------------|------------|------------|
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| row2_cell1 | row2_cell2 | row2_cell3 |
| row3_cell1 | row3_cell2 | row3_cell3 |
| row4_cell1 | row4_cell2 | row4_cell3 |
| row5_cell1 | row5_cell2 | row5_cell3 |

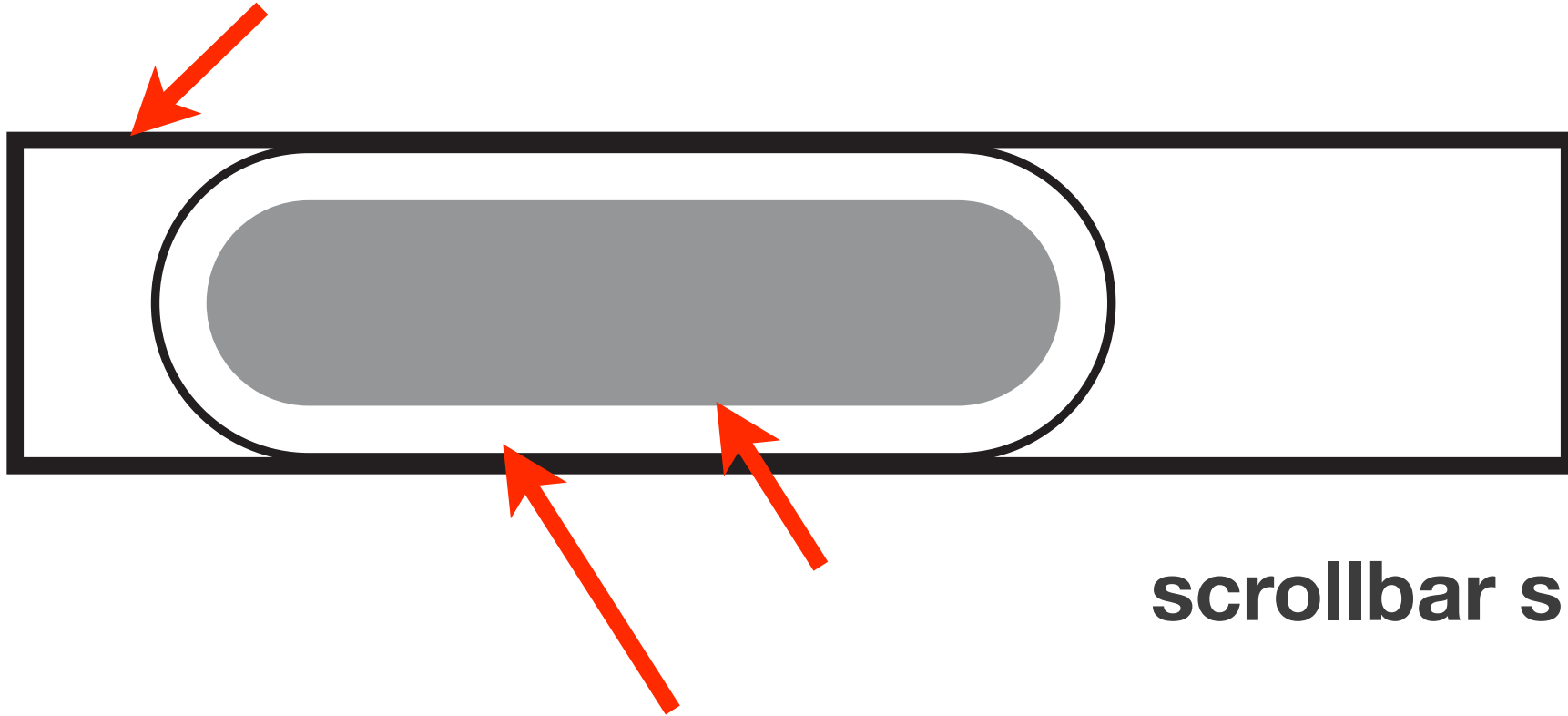
**height: 14px**

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```
.table-container::-webkit-scrollbar
{
    -webkit-appearance: none;
    width: 14px;
    height: 14px;
}
```

Then we need to style the **scrollbar**  
**slider**.

**scrollbar mechanism**



**scrollbar slider**

**border around slider**

```
.table-container::-webkit-scrollbar-thumb
{
    border-radius: 8px;
    border: 3px solid #fff;
    background-color: rgba(0,0,0,.3);
}
```

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| Header 1   | Header 2   | Head  |
|------------|------------|-------|
| row1_cell1 | row1_cell2 | row1_ |
| row2_cell1 | row2_cell2 | row2_ |
| row3_cell1 | row3_cell2 | row3_ |
| row4_cell1 | row4_cell2 | row4_ |
| row5_cell1 | row5_cell2 | row5_ |

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If you want to force all browsers and devices to display scrollbars, there are **a range of JQuery options available.**

## jScrollPane

<http://jscrollpane.kelvinluck.com/index.html>

## Custom content scroller

<http://manos.malihu.gr/jquery-custom-content-scroller/>

## jScroller

<http://www.myjqueryplugins.com/jquery-plugin/jscrollbar>



Some mobile devices treat  
overflow: auto the same as  
overflow: hidden, which means that  
they will **crop content that sits  
outside the container**, and leaving  
users no way to access it.

**Overthrow** is a lightweight JavaScript solution designed to fix this problem. It also solves other issues relating to touch etc.

<http://filamentgroup.github.com/Overthrow/>



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