

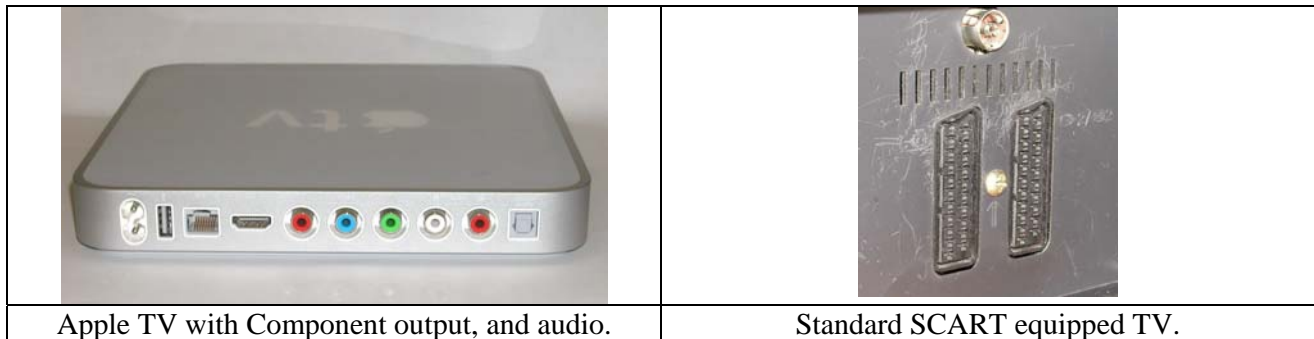
# Connecting Apple TV to a SCART input.

A technical briefing by J. S. Technology.

## Introduction.

How do you connect to a standard SCART input when Apple TV only supports Component (YUV / YPbPr) and HDMI outputs? The solution is presented here and that is to convert the Component video output to RGB SCART. Both RGB SCART and Component video similar for quality, therefore with a high quality video converter there will not be a degradation in picture quality.

## The Connections.



It is apparent from looking at the rear of Apple TV that none of the available connections would mate with those on our standard TV. What is required is a means to adapt, or “Convert” the output from Apple TV to a SCART type of connector.

The solution is the **Component (YUV) to RGB / VGA Converter** as shown below.



## Making the Connections.

Apple TV has two groups of connections of interest, one for Video and the other for Audio. Component video is typically in three coloured connections with audio in two.

Video		Audio	
Connector	Signal	Connector	Signal
Green	Y	White	Left
Blue	U or Pb	Red	Right
Red	V or Pr		



Making the connections for Video and Audio on Apple TV.

The leads from Apple TV are then connected to the Component (YUV) to RGB / VGA Converter.



Connecting leads from Apple TV to the Converter.

The Converter is then connected to the display TV via the SCART connection.



Using a SCART lead from the converter to the TV.

Not all SCART inputs are RGB enabled, as is the case with the TV we're using here. Only one of the two support RGB. Often you can scroll through all the different inputs until one is marked RGB or some have a configuration menu to indicate that it should be configured for RGB input.

**Configuring Apple TV.**

When Apple TV starts up from new, it should work with the converter. If no picture is visible it is possible to scroll through various different video resolutions using the remote control. To do this hold "Menu" and "+" on the remote for approximately 6 seconds. When a suitable display is visible press the "▶||" button.

It is worthwhile ensuring that Apple TV is working at its maximum resolution via the SCART interface. From the main menu select "Settings" then "TV Resolution" and ensure that 576i is selected.

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