RAINDROP ELEVATION & COLOUR

Parallel rays of white light

In a primary rainbow
the violet ray
exits the droplet above
the other colours

BUT

The red ray
appears above the others
to an observer

A single
raindrop appears
to change colour
as it falls

A single raindrop falling towards the ground appears red then orange yellow, green, blue and finally violet to an observer. It is the position of the droplet relative to the observer that determines its colour at any moment.