tf.image.random_saturation

```
random_saturation(
    image,
    lower,
    upper,
    seed=None
)
```

Defined in `tensorflow/python/ops/image_ops_impl.py`.

See the guide: Images > Image Adjustments

Adjust the saturation of an RGB image by a random factor.

Equivalent to `adjust_saturation()` but uses a `saturation_factor` randomly picked in the interval `[lower, upper]`.

Args:

- `image`: RGB image or images. Size of the last dimension must be 3.
- `lower`: float. Lower bound for the random saturation factor.
- `upper`: float. Upper bound for the random saturation factor.
- `seed`: An operation-specific seed. It will be used in conjunction with the graph-level seed to determine the real seeds that will be used in this operation. Please see the documentation of set_random_seed for its interaction with the graph-level random seed.

Returns:

Adjusted image(s), same shape and DType as `image`.

Raises:

- `ValueError`: if `upper <= lower` or if `lower < 0`.

Last updated November 2, 2017.