

tf.image.random_flip_up_down

```
random_flip_up_down(  
    image,  
    seed=None  
)
```

Defined in [tensorflow/python/ops/image_ops_impl.py](#).

See the guide: [Images > Flipping, Rotating and Transposing](#)

Randomly flips an image vertically (upside down).

With a 1 in 2 chance, outputs the contents of `image` flipped along the first dimension, which is `height`. Otherwise output the image as-is.

Args:

- `image`: A 3-D tensor of shape `[height, width, channels]`.
- `seed`: A Python integer. Used to create a random seed. See [tf.set_random_seed](#) for behavior.

Returns:

A 3-D tensor of the same type and shape as `image`.

Raises:

- `ValueError`: if the shape of `image` not supported.

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