tf.image.per_image_standardization

```
per_image_standardization(image)
```

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

See the guide: Images > Image Adjustments

Linearly scales `image` to have zero mean and unit norm.

This op computes `(x - mean) / adjusted_stddev`, where `mean` is the average of all values in image, and `adjusted_stddev = max(stddev, 1.0/sqrt(image.NumElements()))`.

`stddev` is the standard deviation of all values in `image`. It is capped away from zero to protect against division by 0 when handling uniform images.

Args:

- `image`: 3-D tensor of shape `[height, width, channels]`.

Returns:

The standardized image with same shape as `image`.

Raises:

- `ValueError`: if the shape of 'image' is incompatible with this function.

Last updated November 2, 2017.