tf.image.resize_image_with_crop_or_pad

```
resize_image_with_crop_or_pad(
    image,
    target_height,
    target_width
)
```

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

See the guide: Images > Cropping

Crops and/or pads an image to a target width and height.

Resizes an image to a target width and height by either centrally cropping the image or padding it evenly with zeros.

If `width` or `height` is greater than the specified `target_width` or `target_height` respectively, this op centrally crops along that dimension. If `width` or `height` is smaller than the specified `target_width` or `target_height` respectively, this op centrally pads with 0 along that dimension.

Args:

- `image` : 4-D Tensor of shape `[batch, height, width, channels]` or 3-D Tensor of shape `[height, width, channels]` .
- `target_height` : Target height.
- `target_width` : Target width.

Raises:

- `ValueError` : if `target_height` or `target_width` are zero or negative.

Returns:

Cropped and/or padded image. If `images` was 4-D, a 4-D float Tensor of shape `[batch, new_height, new_width, channels]` . If `images` was 3-D, a 3-D float Tensor of shape `[new_height, new_width, channels]` .

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