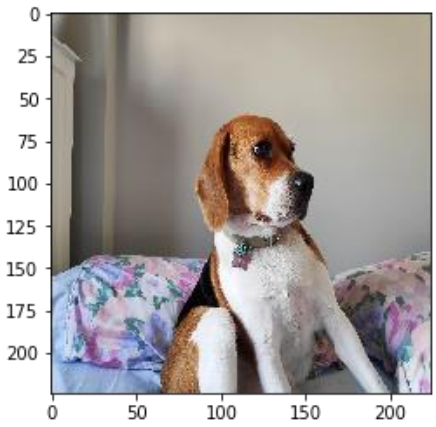
Using a real world model

Okay, so Ivy's picture is ready to be used by **ResNet50**. It is stored in `img_ready` and now looks like this:



ResNet50 is a model trained on the **Imagenet dataset** that is able to distinguish between 1000 different objects. **ResNet50** is a deep model with 50 layers, you can check it in 3D **here**.

`ResNet50` and `decode_predictions` have both been imported from `keras.applications.resnet50` for you.

It's time to use this trained model to find out Ivy's breed!

- Instantiate a `ResNet50` model, setting the weights parameter to be `'imagenet'`.
- Use the `model` to predict on your processed image.
- Decode the first 3 predictions with `decode_predictions()`.

```
# Instantiate a ResNet50 model with 'imagenet' weights

model = ResNet50(weights='imagenet')


# Predict with ResNet50 on your already processed img

preds = model.predict(img_ready)


# Decode the first 3 predictions

print('Predicted:', decode_predictions(preds, top=3)[0])
```