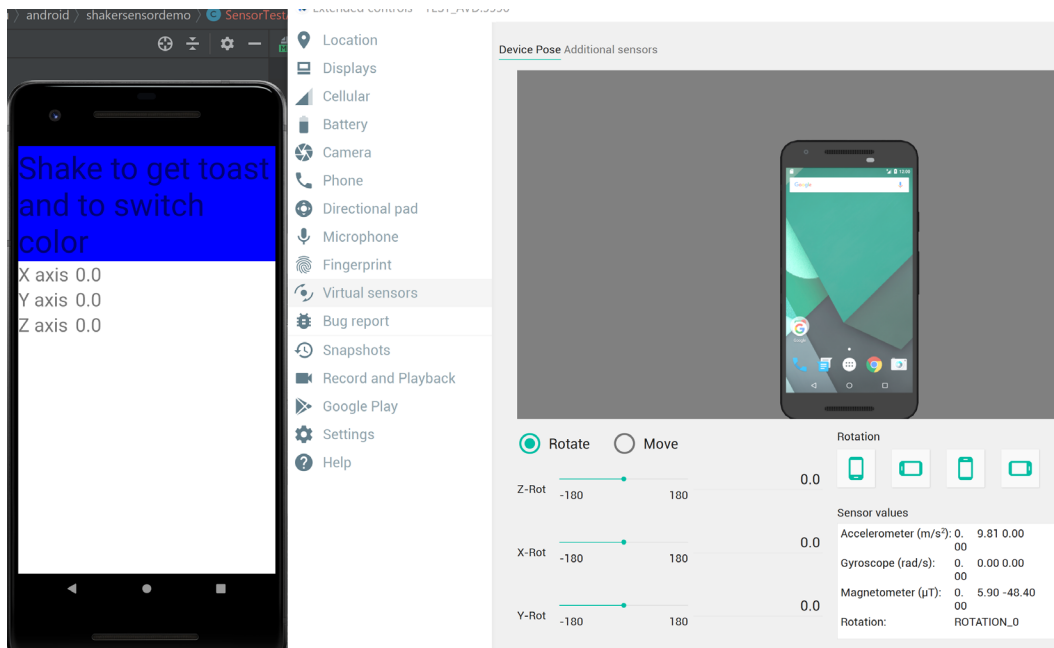Shake Demo

Once the app is running it will look like this

Same as before since I don't have device I must us emulator. So, I must use the virtual sensors so follow same steps as before and click on three dots on right side menu to open up extended controls and click on virtual sensors.

You can click on the phone to rotate and move around, this will cause the color to change and the axis coordinates will appear.

Screenshot 1 (top):

jsu › android › shakersensordemo › **SensorTest**

Extended controls - TEST_AVD:5556

Location
Displays
Cellular
Battery
Camera
Phone
Directional pad
Microphone
Fingerprint
Virtual sensors
Bug report
Snapshots
Record and Playback
Google Play
Settings
Help

Shake to get toast and to switch color

X axis -3.107546
Y axis -3.107546
Z axis -3.107546

Device Pose Additional sensors

Rotate Move

Rotation

Z-Rot -180 180 61.1
X-Rot -180 180 82.8
Y-Rot -180 180 -62.7

Sensor values
Accelerometer (m/s²): -3.11 8.16 -4.47
Gyroscope (rad/s): 0.00 0.00 0.00
Magnetometer (µT): -46.50 -13.61 -5.46
Rotation: ROTATION_0

Screenshot 2 (bottom):

android › shakersensordemo › **SensorTest**

Extended controls - TEST_AVD:5556

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Shake to get toast and to switch color

X axis -4.433253
Y axis -4.433253
Z axis -4.433253

Don't Shake me!

Device Pose Additional sensors

Rotate Move

Rotation

Z-Rot -180 180 20.9
X-Rot -180 180 78.2
Y-Rot -180 180 -35.0

Sensor values
Accelerometer (m/s²): -4.43 3.84 -7.86
Gyroscope (rad/s): 0.00 0.00 0.00
Magnetometer (µT): -24.89 -39.92 -12.83
Rotation: ROTATION_0