```java
public class MainActivity extends AppCompatActivity {
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        Button color = (Button) findViewById(R.id.button);
        color.setOnClickListener(new View.OnClickListener() {
            @Override
            public void onClick(View v) {
                AlertDialog.Builder builder;
                builder = new AlertDialog.Builder(MainActivity.this);
                builder.setTitle("Change?")
                        .setMessage("Are you sure you want to change the color?")
                        .setPositiveButton("YES", new
DialogInterface.OnClickListener() {
                            public void onClick(DialogInterface dialog, int which) {
                                RelativeLayout rl = (RelativeLayout)
findViewById(R.id.l1);

                                Random gen = new Random();
                                rl.setBackgroundColor(Color.rgb(
                                        gen.nextInt(256),
                                        gen.nextInt(256),
                                        gen.nextInt(256)
                                ));
                            }
                        })
                        .setNegativeButton("NO", new DialogInterface.OnClickListener()
{
                            public void onClick(DialogInterface dialog, int which) {
                                // do nothing
                            }
                        })
                        .setIcon(android.R.drawable.ic_dialog_alert)
                        .show();
            }
        });
    }
}
```