

Modern Angular Setup with Material Design - YehWebApp

Prerequisites

- Node.js 20+ installed
- Angular CLI installed globally: `npm install -g @angular/cli`
- Yarn installed: `npm install -g yarn`

1. Setup Angular Material

```
bash
```

```
ng add @angular/material
```

Choose these options:

- Any prebuilt theme (Indigo/Pink recommended)
- Set up global Angular Material typography styles? **Yes**
- Include the Angular Animations module? **Yes**

2. Project Structure

Copy files to your Angular project:

```
src/
  └── main.ts          (Bootstrap file)
  └── app/
    ├── app.ts          (Root component)
    ├── app.html         (Root template)
    ├── app.scss         (Root styles)
    └── macro-nutrients/
      ├── macro-nutrients.ts (Component)
      ├── macro-nutrients.html (Template)
      └── macro-nutrients.scss (Styles)
```

3. Key Features

- Modern Angular 18/19** - Latest features
- Standalone Components** - No NgModules needed
- Signals & Computed** - Modern reactive state
- Material Design** - Professional UI components

- Mobile-First Responsive** - Works on all devices
- Clean Filenames** - No `.component.` clutter

4. Run Your App

```
bash
```

```
ng serve
```

Navigate to <http://localhost:4200>

5. Usage Examples

```
html
```

```
<!-- Basic usage -->
<app-macro-nutrients></app-macro-nutrients>

<!-- Custom values -->
<app-macro-nutrients
  [protein]="85"
  [fat]="40"
  [carbs]="15">
</app-macro-nutrients>
```

6. Mobile Testing

- **Chrome DevTools:** F12 → Device toolbar
- **Responsive breakpoints:** 480px, 768px, 1024px
- **Test on actual devices** for best results

Troubleshooting

- **Material not working:** Ensure `ng add @angular/material` completed successfully
- **Styles not loading:** Check file paths in component decorators
- **Build errors:** Ensure Angular CLI and project versions match

Perfect for modern Angular development! 