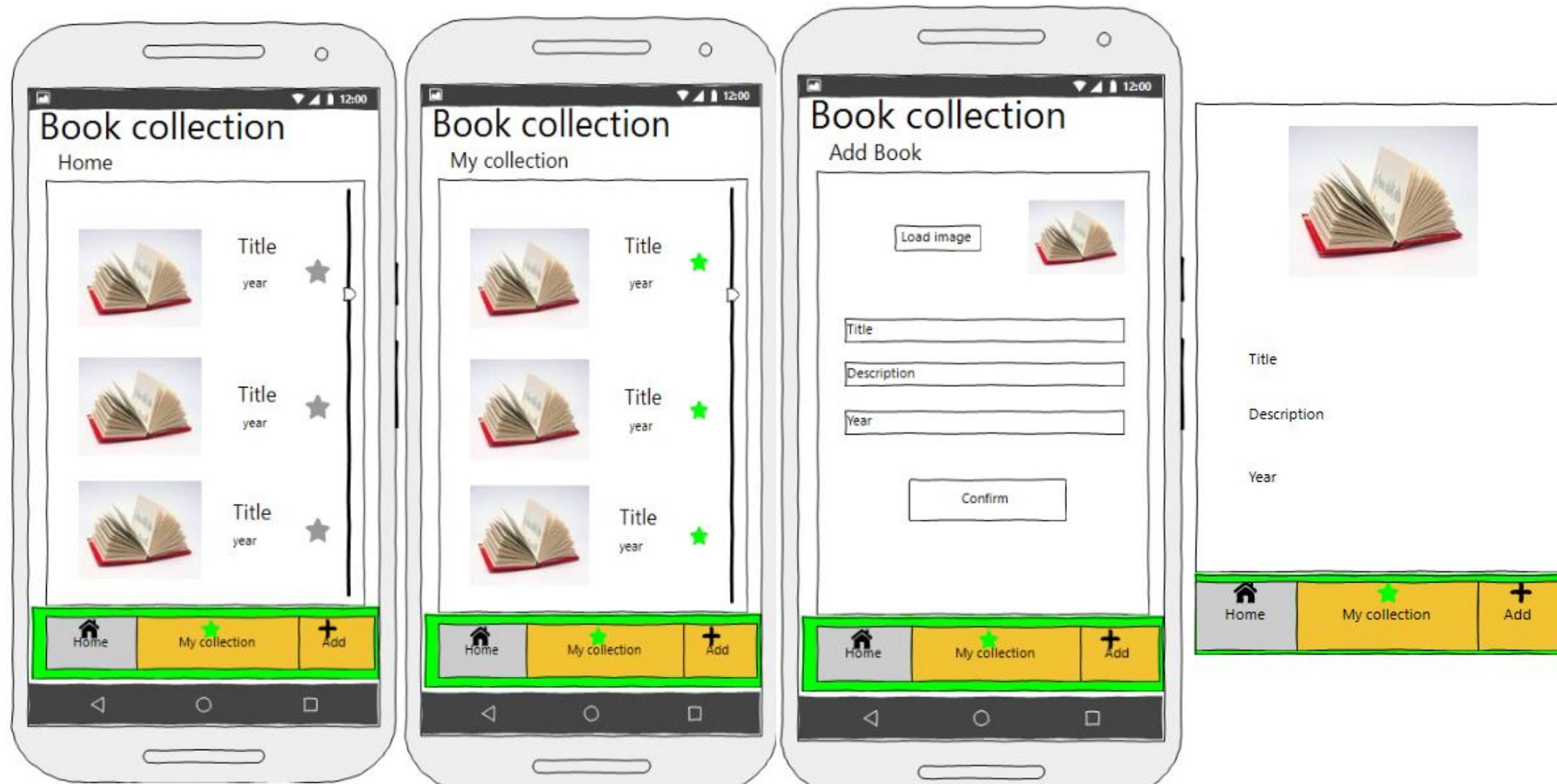
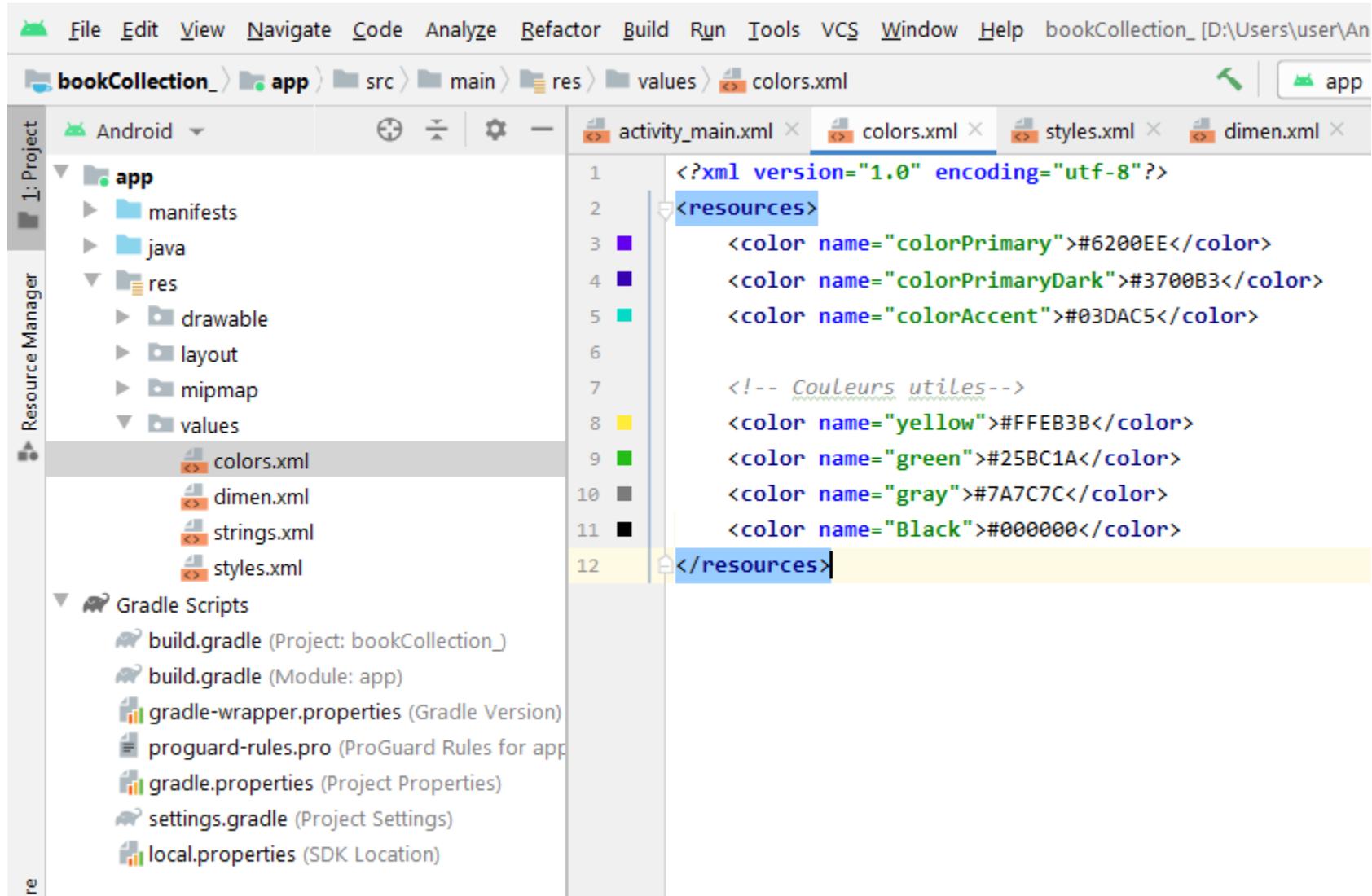


# Développement d'une application native Android (Partie 2)

# Les quatre Vues de l'application



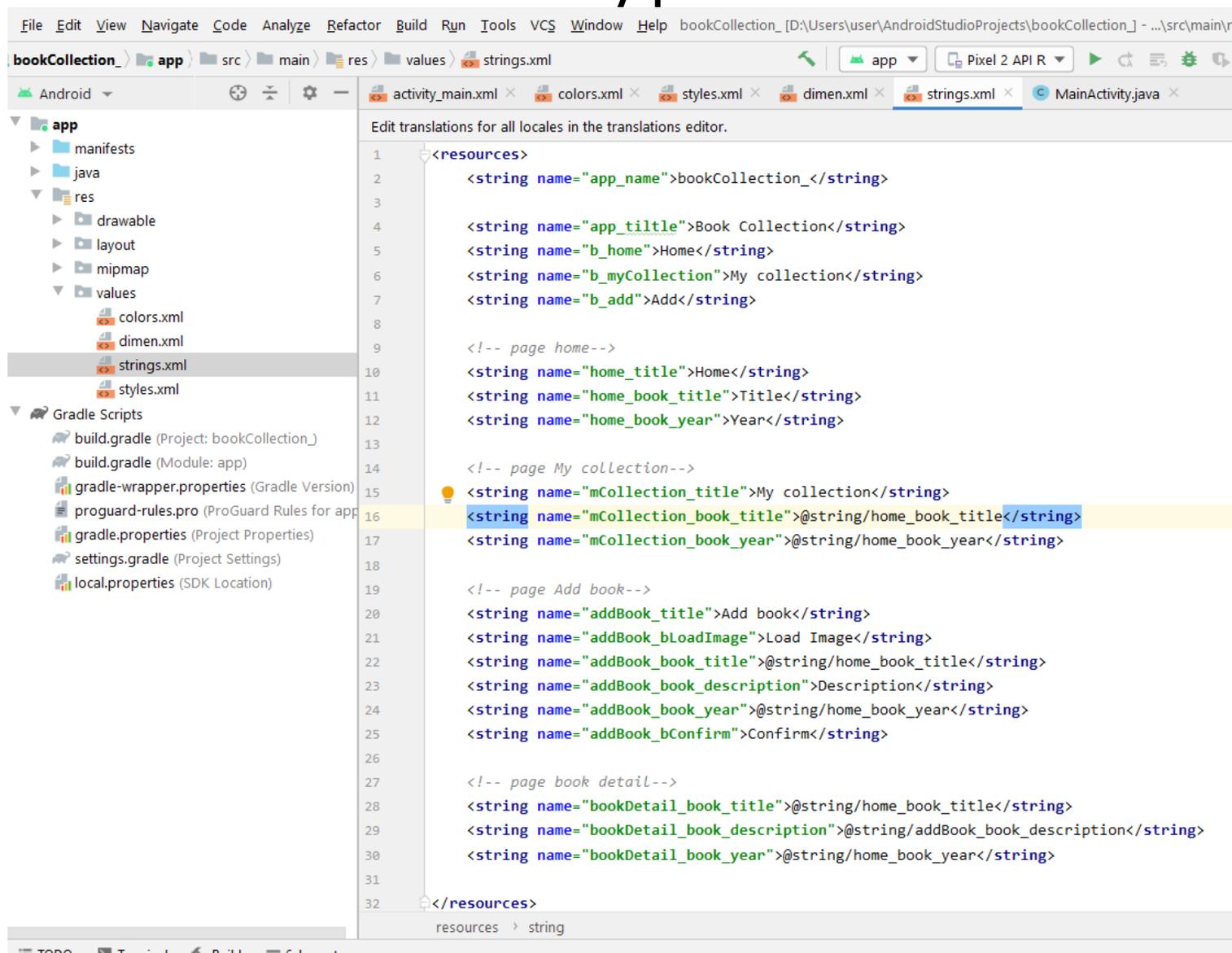
# Les ressources de type couleur



The screenshot shows an IDE window for an Android project named 'bookCollection\_'. The 'Resource Manager' on the left displays the project structure, with 'values/colors.xml' selected. The main editor shows the XML code for 'colors.xml' with line numbers 1 through 12. The code defines several color resources, including primary, accent, yellow, green, gray, and black.

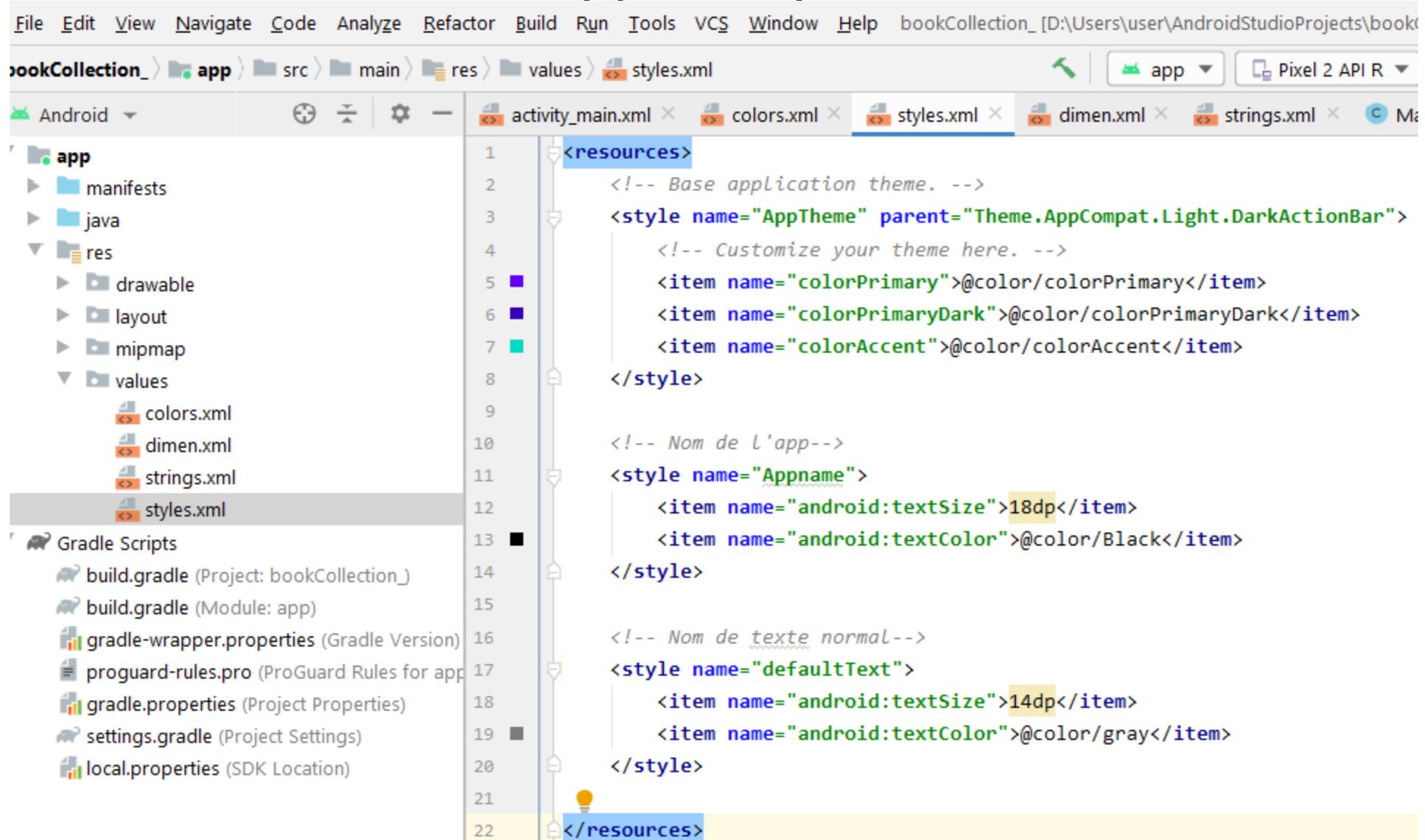
```
1 <?xml version="1.0" encoding="utf-8"?>
2 <resources>
3     <color name="colorPrimary">#6200EE</color>
4     <color name="colorPrimaryDark">#3700B3</color>
5     <color name="colorAccent">#03DAC5</color>
6
7     <!-- Couleurs utiles-->
8     <color name="yellow">#FFEB3B</color>
9     <color name="green">#25BC1A</color>
10    <color name="gray">#7A7C7C</color>
11    <color name="Black">#000000</color>
12 </resources>
```

# Les ressources de type chaîne de caractères



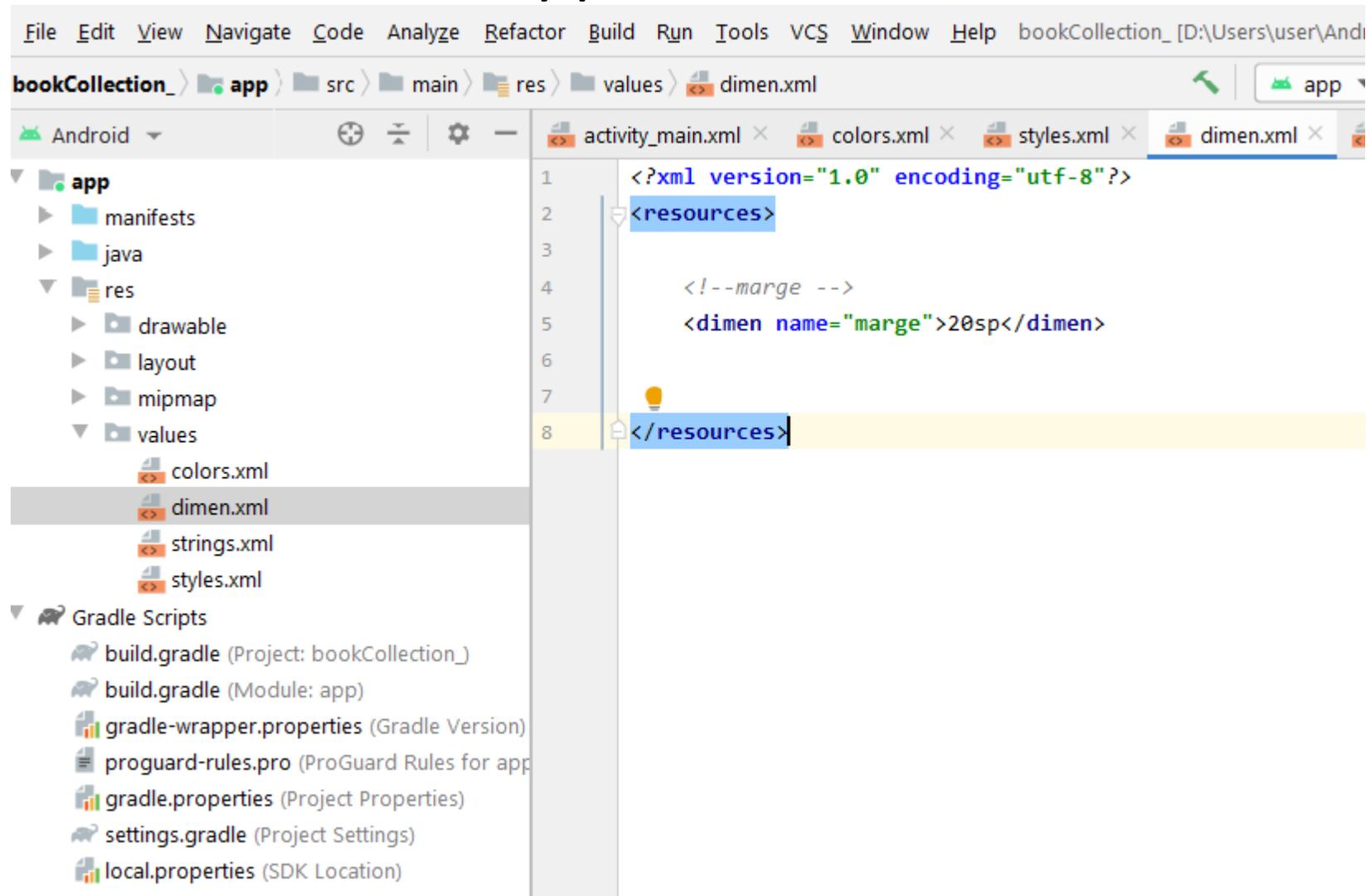
```
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help bookCollection_ [D:\Users\user\AndroidStudioProjects\bookCollection_] - ...src\main\res
bookCollection_ > app > src > main > res > values > strings.xml
Android > activity_main.xml > colors.xml > styles.xml > dimen.xml > strings.xml > MainActivity.java >
app
├── manifests
├── java
├── res
│   ├── drawable
│   ├── layout
│   ├── mipmap
│   └── values
│       ├── colors.xml
│       ├── dimen.xml
│       ├── strings.xml
│       └── styles.xml
└── Gradle Scripts
    ├── build.gradle (Project: bookCollection_)
    ├── build.gradle (Module: app)
    ├── gradle-wrapper.properties (Gradle Version)
    ├── proguard-rules.pro (ProGuard Rules for app)
    ├── gradle.properties (Project Properties)
    ├── settings.gradle (Project Settings)
    └── local.properties (SDK Location)
Edit translations for all locales in the translations editor.
1 <resources>
2 <string name="app_name">bookCollection_</string>
3
4 <string name="app_title">Book Collection</string>
5 <string name="b_home">Home</string>
6 <string name="b_myCollection">My collection</string>
7 <string name="b_add">Add</string>
8
9 <!-- page home-->
10 <string name="home_title">Home</string>
11 <string name="home_book_title">Title</string>
12 <string name="home_book_year">Year</string>
13
14 <!-- page My collection-->
15 <string name="mCollection_title">My collection</string>
16 <string name="mCollection_book_title">@string/home_book_title</string>
17 <string name="mCollection_book_year">@string/home_book_year</string>
18
19 <!-- page Add book-->
20 <string name="addBook_title">Add book</string>
21 <string name="addBook_bLoadImage">Load Image</string>
22 <string name="addBook_book_title">@string/home_book_title</string>
23 <string name="addBook_book_description">Description</string>
24 <string name="addBook_book_year">@string/home_book_year</string>
25 <string name="addBook_bConfirm">Confirm</string>
26
27 <!-- page book detail-->
28 <string name="bookDetail_book_title">@string/home_book_title</string>
29 <string name="bookDetail_book_description">@string/addBook_book_description</string>
30 <string name="bookDetail_book_year">@string/home_book_year</string>
31
32 </resources>
resources > string
```

# Les ressources de type Style



```
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help bookCollection_ [D:\Users\user\AndroidStudioProjects\bookCollection_> src> main> res> values> styles.xml]
Android activity_main.xml colors.xml styles.xml dimen.xml strings.xml
app
├── manifests
├── java
├── res
│   ├── drawable
│   ├── layout
│   ├── mipmap
│   └── values
│       ├── colors.xml
│       ├── dimen.xml
│       ├── strings.xml
│       └── styles.xml
├── Gradle Scripts
│   ├── build.gradle (Project: bookCollection_)
│   ├── build.gradle (Module: app)
│   ├── gradle-wrapper.properties (Gradle Version)
│   ├── proguard-rules.pro (ProGuard Rules for app)
│   ├── gradle.properties (Project Properties)
│   ├── settings.gradle (Project Settings)
│   └── local.properties (SDK Location)
1 <resources>
2 <!-- Base application theme. -->
3 <style name="AppTheme" parent="Theme.AppCompat.Light.DarkActionBar">
4 <!-- Customize your theme here. -->
5 <item name="colorPrimary">@color/colorPrimary</item>
6 <item name="colorPrimaryDark">@color/colorPrimaryDark</item>
7 <item name="colorAccent">@color/colorAccent</item>
8 </style>
9
10 <!-- Nom de l'app-->
11 <style name="Appname">
12 <item name="android:textSize">18dp</item>
13 <item name="android:textColor">@color/Black</item>
14 </style>
15
16 <!-- Nom de texte normal-->
17 <style name="defaultText">
18 <item name="android:textSize">14dp</item>
19 <item name="android:textColor">@color/gray</item>
20 </style>
21
22 </resources>
```

# Les ressources de type dimension



```
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help bookCollection_ [D:\Users\user\Andr
bookCollection_ \ app \ src \ main \ res \ values \ dimen.xml
Android
app
  manifests
  java
  res
    drawable
    layout
    mipmap
    values
      colors.xml
      dimen.xml
      strings.xml
      styles.xml
  Gradle Scripts
    build.gradle (Project: bookCollection_)
    build.gradle (Module: app)
    gradle-wrapper.properties (Gradle Version)
    proguard-rules.pro (ProGuard Rules for app)
    gradle.properties (Project Properties)
    settings.gradle (Project Settings)
    local.properties (SDK Location)
1 <?xml version="1.0" encoding="utf-8"?>
2 <resources>
3
4 <!--marge -->
5 <dimen name="marge">20sp</dimen>
6
7
8 </resources>
```