



@KeithYokoma - Drivemode, Inc.
potatotips #14

Keith Yokoma



Keishin Yokomaku
Drivemode, Inc.

Android Engineer      

GitHub: <https://github.com/KeithYokoma>

Qiita: <http://qiita.com/KeithYokoma>

e-Book: <http://amzn.to/1mZNydv>

?

```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="?android:attr/listPreferredItemHeight">
    <!-- content -->
</RelativeLayout>
```

```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="?android:attr/listPreferredItemHeight">
    <!-- content -->
</RelativeLayout>
```

```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="?android:attr/listPreferredItemHeight">
    <!-- content -->
</RelativeLayout>
```

?

Referencing style attributes

Allows us to reference the value of the attribute in the currently-applied theme.

Format:

?[<package_name>:][<resource_type>/]<resource_name>


```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="?android:attr/listPreferredItemHeight">
    <!-- content -->
</RelativeLayout>
```

```
<resources>
    <style name="MyTheme" parent="Theme.Light">
        <item name="android:listPreferredItemHeight">64dp</item>
    </style>
</resources>
```

```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="?android:attr/listPreferredItemHeight">
    <!-- content -->
</RelativeLayout>
```

```
<resources>
    <style name="MyTheme" parent="Theme.Light">
        <item name="android:listPreferredItemHeight">64dp</item>
    </style>
</resources>
```

```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="64dp">
    <!-- content -->
</RelativeLayout>
```

```
<resources>
    <style name="MyTheme" parent="Theme.Light">
        <item name="android:listPreferredItemHeight">64dp</item>
    </style>
</resources>
```

Your own *"?"*

```
<resources>  
  <attr name="my_custom_attribute" format="reference"/>  
</resources>
```

```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="?attr/my_custom_attribute">
    <!-- content -->
</RelativeLayout>
```

```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="?attr/my_custom_attribute">
    <!-- content -->
</RelativeLayout>
```

```
<resources>
    <style name="MyTheme" parent="Theme.Light">
        <item name="my_custom_attribute">64dp</item>
    </style>
</resources>
```

```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="?attr/my_custom_attribute">
    <!-- content -->
</RelativeLayout>
```

```
<resources>
    <style name="MyTheme" parent="Theme.Light">
        <item name="my_custom_attribute">64dp</item>
    </style>
</resources>
```



```
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="wrap_content"
    android:minHeight="64dp">
    <!-- content -->
</RelativeLayout>
```

```
<resources>
    <style name="MyTheme" parent="Theme.Light">
        <item name="my_custom_attribute">64dp</item>
    </style>
</resources>
```

Abstract Theme

Using style attributes reference.

- ✓ Reduce costs to change styles
- ✓ Reusable styling

themes_holo.xml

```
<resources>
  <style name="Theme.Holo">
    <!-- ... -->

    <item name="colorPrimary">@color/holo_primary</item>

    <item name="colorEdgeEffect">?attr/colorPrimary</item>

    <!-- ... -->
  </style>
</resources>
```

themes_holo.xml

```
<resources>
  <style name="Theme.Holo.Light" parent="Theme.Light">
    <!-- ... -->

    <item name="colorPrimary">@color/holo_light_primary</item>

    <!-- ... -->
  </style>
</resources>
```

themes_holo.xml

```
<resources>
  <style name="Theme.Holo.Light" parent="Theme.Light">
    <!-- ... -->

    <item name="colorPrimary">@color/holo_light_primary</item>

    <!-- ... -->
  </style>
  <style name="Theme.Holo.Light.DarkActionBar">
  </style>
</resources>
```

“Code is design”

–Ryan Brush



@KeithYokoma - Drivemode, Inc.
potatotips #14