

# YCWP QR Me

## *A Wordpress plugin developed with Google Charts APIs*

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## **Description**

YCWP QR Me is a simple plugin that create and display qr code images in your blog pages. It provides also a configurable and useful widget and many shortcodes. You can add your own QR Code in a widget ready sidebar, or in a post using shortcodes. You can also automatically add your preconfigured QR Code at the end of each post and choose if you want to display it only on single post pages.

## **Shortcodes**

There are many type of shortcodes. With them you can add your QR Code everywhere you want in your WordPress blog.

Here is a list of QR Code type generable with shortcodes:

- Simple QR Code
- URL QR Code
- SMS QR Code
- Geo Location QR Code
- Email QR Code
- Telephone number QR Code
- Contact QR Code
- Android market QR Code
- GitHub QR Code
- View-source QR Code
- WiFi QR Code
- Twitter QR Code
- Steam QR Code

All shortcodes have optional and required attributes.

There are some attributes that are the same for every shortcode. This is the list:

- **Size:** designates the image size of the QR Code. It accept only integer values. Raccomanded size is 200 (default);
- **Error:** designates the level of error correction. You can choose between four values:
  - **L** = 7% of codewords can be restored
  - **M** = 15% of codewords can be restored
  - **Q** = 25% of codewords can be restored
  - **H** = 30% of codewords can be restored
- **Class:** It works like class attribute of an HTML. This attribute will be used to set your own classes to the QR Code image.
- **Title:** It works like title attribute of an HTML tag. This attribute will be used to set a title to the QR Code image.
- **Alt:** It works like alt attribute of an HTML tag. This attribute will be used to set an alternative value to the QR Code image.

The remaining attributes will explained in detail in next chapter.

## How to use shortcodes

### Simple QR Code

Use this shortcode for generic QR Codes.

Its tag is [qrme].

#### Attributes

- **content:** designates the content of the QR Code. This attribute is optional if you use the long form of the tag: [qrme]this is my generic content [/qrme]

**Example:** [qrme]My generic content[/qrme]

### URL QR Code

Use this shortcode to include URLs in a QR Codes.

Its tag is [qrme\_url]

#### Attributes

- **url:** designates the url to include in the QR Code. This attribute is optional if you use the long form of the tag: [qrme\_url]http://example.com[/qrme\_url]

**Example:** [qrme\_url url=http://www.example.com /]

## SMS QR Code

Use this shortcode to include SMS in a QR Code.

Its tag is [qrme\_sms]

### Attributes

- **tel (required):** designates the telephone number that will receive the SMS. You must include also the country code of the number. The first character must be the + and next characters can be only digits.  
Example of a valid number: +136589775454
- **message:** designates the text of your SMS. This attribute is optional if you use the long form of the tag: [qrme\_sms tel="+136589775454"]This is my SMS[/qrme\_sms]

**Example:** [qrme\_sms tel="+136589775454" message="My text message" /]

## Geo Location QR Code

This shortcode is used to include a position in a QR Code. It's useful for smartphones that have GPS or similar applications.

Its tag is [qrme\_geoloc]. This shortcode doesn't provide a long form.

### Attributes

- **lat (required):** designates the latitude of the position.
- **lon (required):** designates the longitude of the position.
- **altitude (optional):** designates the altitude of the position.
- **u (optional):** designates the uncertainty of the position.

**Example:** [qrme\_geoloc lat="37.424162" lon="-122.083683" /]

## Email QR Code

Use this shortcode to include a email message in a QR Code.

Its tag is [qrme\_email].

### Attributes

- **email (required):** designates the email address that will be used as receiver.
- **subject (optional):** designates the subject of the email.
- **body (optional):** designates the body of the email. You can use it also as tag content if you use the long form of the tag:  
[qrme\_email email="me@example.com"]Body of the email[/qrme\_email]

**Example:**

[qrme\_email email="me@example".com subject="Information" body="Message" /]

## Telephone number QR Code

Use this shortcode to include telephone numbers in a QR Code.

Its tag is [qrme\_tel].

### Attributes

- **tel:** designates the telephone number to include in the QR Code. For detail on number format see **SMS QR Code**. This attribute is optional if you use the long form of the tag: [qrme\_tel]+136589775454[/qrme\_tel]

**Example:** [qrme\_tel tel="+136589775454" /]

## Contact QR Code

Use this shortcode to include contact information in a QR Code. When your device will scan this QR Code, it will asks you to add the contact in your phonebook.

Its tag is [qrme\_contact]. It not provides a long form.

### Attributes

- **name (required):** specifics the name of the contact. When a field is divided by a comma (,), the first half is treated as the last name and the second half is treated as the first name.
- **tel (required):** designates the telephone number of the contact. See **Telephone number QR Code** for details about the format.
- **memo (optional):** designates a text string to be set as the memo in the phonebook.
- **address (optional):** designates a text string to be set as the address in the phonebook. The fields divided by commas (,) denote PO box, room number, house number, city, prefecture, zip code and country, in order.
- **url (optional):** designates the website url of the contact.

### Example:

[qrme\_contact name="Doe, John" tel="+136589775454" memo="Known in a bar" address="76 9th Avenue, 4th Floor, New York, NY 10011" url="http://example.com" /]

## Android Market QR Code

Use this shortcode to include an android market URL in a QR Code. This QR Code is correctly handled only by Android devices.

Its tag is [qrme\_androidmarket].

### Attributes

- **package:** designates a package. This attribute is optional if you use the long form of the tag: [qrme\_androidmarket]Package\_name[/qrme\_androidmarket]

**Example:** [qrme\_androidmarket package="Package\_name" /]

## GitHub QR Code

Use this shortcode to include a GitHub URL in your QR Code.

Its tag is [qrme\_github].

### Attributes

- **path:** designates the GitHub resource path. This attribute is optional if you use the long form of the tag: [qrme\_github]user/project-name.git[/qrme\_github]

**Example:** [qrme\_github path=" user/project-name.git" /]

## View-source QR Code

Use this shortcode to include an URI in a QR Code. When your device scan this types of QR Code, it will display the source code of the URI.

Its tag is [qrme\_viewsource].

### Attributes

- **uri:** designates the absolute uri of a page. This attribute is optional if you use the long form of the tag:  
[qrme\_viewsource]http://example.com/index.html[/qrme\_viewsource]

### Example:

[qrme\_viewsource uri=" http://example.com/index.html" /]

## WiFi QR Code

Use this shortcode to distribute a WiFi access data. This QR Code is correctly handled only by Android devices.

Its tag is [qrme\_wifi]. This shortcode doesn't provide a long form.

### Attributes

- **authtype (required):** designates the authentication type. Only WEP and WPA supported.
- **ssid (required):** designates the SSID of the WiFi Network.
- **passw (required):** designates the password of the WiFi Network.

**Example:** [qrme\_wifi authtype="WPA" ssid="MyWIFI" passw="Udyu876" /]

## Twitter QR Code

Use this shortcode to include Twitter App URIs in a QR Code. This QR Code is correctly handled only by devices that uses Twitter Inc. app.

Its tag is [qrme\_twitter].

### Attributes

- **type (required):** designates the type of the URI. There are many URI types:
    - **user:** redirects to a user page;
    - **status:** redirects to a status page;
    - **timeline:** redirects to your timeline;
    - **mentions:** redirects to your mentions page;
    - **messages:** redirects to your messages page;
    - **list:** redirects to a user posts list page;
    - **post:** posts a tweet;
    - **urlshortener:** shorts an url.
  - **id:** designates a user id or a status id. It is required with following types:
    - **user** (optional if you are using screen name);
    - **status**;
  - **screen\_name:** designates a user screen name ( @myname ). It is required with the following types:
    - **user** (optional if you are using id);
    - **list**;
  - **slug:** designates the content of a post. It is required with the **list** type.
  - **replyto:** designates the user id for the reply. It is required with the **post** type.
  - **message:** designates the message to post. It is required with the **post** type.
- Optional if you are using the long form of the tag:  
[qrme\_twitter type="post"]My tweet[/qrme\_twitter]

**Example:** [qrme\_twitter type="post" message="My tweet" replyto="15245" /]

**Note:** urlshortener type can be used only with the long form of the tag.

## Steam QR Code

Use this shortcode to include Steam URIs in a QR Code. It is not supported by any device yet, but Steam app is ready for download and Steam should implement its URIs soon.

Its tag is [qrme\_steam]. This shortcode doesn't provide a long form.

### Attributes

- **command:** designates a main command to execute;
- **subcommand:** designates a secondary command to execute;
- **value:** designates a value for a command/subcommand.

### Commands:

- **AddNonSteamGame:** opens the window to add a non steam game;
- **advertise:** opens up the store for an application. Requires **value** integer id;
- **appnews:** opens up the news page for an app. Requires **value** integer id;
- **browsemedia:** browses media;
- **publisher:** loads the specified publisher catalogue in the Store. Requires **value** string publisher's name. Type the publisher's name in lowercase, e.g. activision or valve. Bug: Somehow broken.
- **purchase:** opens a dialog box to buy an application from Steam. Requires **value** integer id;
- **store:** opens up the store for an app. Requires **value** integer id;
- **updatenews:** opens the news about the latest updates for an app. Requires **value** integer id;
- **friends:** opens Friends. Requires one of the following subcommands:
  - **add:** Adds user with specified id number in **value** attribute.
  - **friends:** Shows list of users with whom you recently played. Requires **value** integer id;
  - **players:** shows table of recent players you've played with;
- **hardwarepromo:** tests whether the user has hardware that matches a promotional offer. Requires one of the following subcommands:
  - **ATi:** opens ATi promo page. Requires **value** 305;
  - **nVidia:** opens nVidia promo page. Requires **value** 609;
- **url:** opens a special, named web pages. Requires one of the following subcommands:
  - **CommunitySearch;**
  - **CommunityGroupSearch;**
  - **GroupEventsPage:** requires **value** integer id;

- **LegalInformation;**
- **PrivacyPolicy;**
- **Store;**
- **StoreFrontPage;**