

# Raster Maps

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## Overview

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A Raster Map is an image where every zone is defined by a unique colour type. This is used by Yellowfin to detect each unique area of the map and substitute colours based on data in your report.

The raster maps can be used for any type of location reporting not just 'geographic' maps. For example you could use these for:

1. Floor Plans
2. Car Body Parts
3. Network Maps
4. Country Maps

## How do they work?

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With each zone of your map identified by a unique colour you need to link these zones to a specific value. These values are defined as reference codes. With each zone defined by colour and linked to a reference code Yellowfin will be able to substitute the values into the map.


## Loading a Raster Map

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1. To load a Raster Map Image, ensure that your image has unique colour for every region required.
2. Ensure that you have reference code setup for your map data. E.g. For the example in Yellowfin you have a country reference code defined by ISO code. These ISO codes will be linked to each zone.
3. Similar to loading an image click the add link, provide a name and select map type.
4. You will now see a Map details section. For a basic Map you can leave the reference type as None.
5. In the layer section you will have to load the actual image you want to use. Maps support multiple layers for the same map. For example you could have a layer for country or region which uses the same world outline.
  - a. On the layer choose the name and description for the image layer that you are loading
  - b. Browse and upload the map you want to load.
  - c. Choose layer as the layer type.
  - d. Choose the zone reference type. This is used to link the zones to specific reference code values.
  - e. For each colour select the appropriate reference code value.

6. Click Save to save your Raster map.

Image Details	
Name:	World Heat Map
Description:	This map can be used for creating a global heat map.
Image Type:	Map Image

Image		
File Name:	<input type="text"/> <input type="button" value="Browse..."/>	
File Name:	BlankMap-World.png	
Dimensions:	1425x625	
Thumbnail:		
Zone Reference Type:	<input type="text" value="Country"/> <input type="button" value="New"/>	
Display:	<input type="radio"/> Colour <input checked="" type="radio"/> Code	
Name	Code	Colour
Afghanistan	AF	<input type="text" value="#000100"/>
Albania	AL	<input type="text" value="#000200"/>
Algeria	DZ	<input type="text" value="#000300"/>
American Samoa	AS	<input type="text"/>
Andorra	AD	<input type="text" value="#000400"/>
Angola	AO	<input type="text" value="#000500"/>
Anguilla	AI	<input type="text"/>
Antarctica	AQ	<input type="text"/>
Antigua and Barbuda	AG	<input type="text" value="#000600"/>
Argentina	AR	<input type="text" value="#000700"/>
<input type="button" value="Previous"/> <input type="button" value="Next"/>		
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See [Image Map Tutorial](#) for more information.