

### Universal Phonetic Alphabet (UPA) - {Taha wAw brAy} Fonts

{Taha}, the writing Geometric method is using Arabic Geometric letters. The compatible writing Arabic way, {wAw} method, is using Latin Letters matching Geometric letters.

There are 3 Types of Arabic Geometric Letters: Unconnected, Connected and Mixed Geometric Letters {Taha}. Similarly, there are three types of reversed or Geometric Letters {Taham}. However, only two font files corresponding to Unconnected Geometric letters will be used.

Another two additional font files were added to cater for specific additional Geometric and reversed Geometric French vowels and other four font files to cater for unified Braille letters.

Two common font files were added to cater for Arabic, English and French texts using Braille letters matching Geometric letters {brAy} and reversed {brAy} letters {brAym}. Other, two common font files were added corresponding to {brAys} and {brAyn} letters for superimposed {Taham, brAy} letters and for {Taha, brAym} letters to be able to write on both directions.

Geometric font files were created by Font Constructor software and can be opened as text files. The Title line of the first font file contains the file name followed by “Regular (True Type)”.

The first 4 lines contain the Typeface name which is the font file name, the file size, the file version and the copyright of the font creator.

The next 3 lines contain Geometric letters corresponding to small Latin letters (a-z), capital Latin letters (A-Z) and geometric numerals (0-9) with special geometric characters.

The last 8 lines contain the same sentence written in 8 different sizes (12, 18, 24, 36, 48, 60, 72).

The following font files are installed in the windows/font directory clicking install tab:

- 1- Unconnected Geometric Letters and Mirrored Unconnected Geometric Letters Fonts.  
[Arabic-Geometric-LR & Arabic-Geometric-MLR](#)
- 2- Connected Geometric Letters and Mirrored Connected Geometric Letters Fonts.  
[Arabic-Geometric-CLR & Arabic-Geometric-MCLR](#)
- 3- Mixed Geometric Letters and Mirrored Mixed Geometric Letters Fonts.  
[Arabic-Geometric-BLR & Arabic-Geometric-MBLR](#)
- 4- French Geometric Letters and French Mirrored Geometric Letters Fonts.  
[French-Geometric-LR & French-Geometric-MLR](#)
- 5- Common Arabic, English and French {brAy}, {brAym}, {brAys} and {brAyn} letters.  
[Arabic-Geoblind-LR & Arabic-Geoblind-LRM](#)  
[Arabic-Geoblind-LRS & Arabic-Geoblind-LRN](#)