

# Akatab - Font Features

Akatab is an OpenType-enabled font family that supports the Tifinagh script. It includes a number of optional features that may be useful or required for particular uses or languages. This document lists all the available features.

These OpenType features are primarily specified using four-letter tags (e.g. 'cv17'), although some applications may provide a direct way to control certain common features such as ligatures. For more information on how to access OpenType features in specific environments and applications, see [Using Font Features](#).

This page uses web fonts (WOFF2) to demonstrate font features and should display correctly in all modern browsers. For a more concise example of how to use Akatab as a web font see [Akatab Webfont Example](#). For detailed information see [Using SIL Fonts on Web Pages](#).

*If this document is not displaying correctly a PDF version is also provided in the documentation/pdf folder of the release package.*

## Complete feature list

### Character variants

#### Alternate YA

Affects: U+2D30

Feature	Sample	Sample right-to-left	Feature setting
Standard	•	•	cv01=0
Circle	◦	◦	cv01=1

#### Alternate YAF

Affects: U+2D3C

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵢ	ⵢ	cv02=0
I-shape	ⵢ̇	ⵢ̇	cv02=1
Open top and bottom	ⵢ̈	ⵢ̈	cv02=2

#### Alternate YAGHH

Affects: U+2D34

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵡ	ⵡ	cv03=0
Round bottom	ⵡ̈	ⵡ̈	cv03=1

## Alternate YAGN

Affects: U+2D50

Feature	Sample	Sample right-to-left	Feature setting
Standard	𐤎	𐤎	cv04=0
Lowered bottom stroke	𐤎̣	𐤎̣	cv04=1

## Alternate YU

Affects: U+2D53

Feature	Sample	Sample right-to-left	Feature setting
Standard	𐤣	𐤣	cv05=0
Short strokes	𐤣̣	𐤣̣	cv05=1

## Alternate YAZ

Affects: U+2D63

Feature	Sample	Sample right-to-left	Feature setting
Standard	𐤛	𐤛	cv06=0
Squared	𐤛̣	𐤛̣	cv06=1

## Alternate AHAGGAR YAZH

Affects: U+2D4B

Feature	Sample	Sample right-to-left	Feature setting
Standard	𐤛̥	𐤛̥	cv07=0
Squared	𐤛̥̣	𐤛̥̣	cv07=1

## Alternate YAB

Affects: U+2D31

Feature	Sample	Sample right-to-left	Feature setting
Standard	𐤁	𐤁	cv08=0
Rectangle style	𐤁̣	𐤁̣	cv08=1

## Alternate YAG

Affects: U+2D33

Feature	Sample	Sample right-to-left	Feature setting
Standard	𐤛̧	𐤛̧	cv09=0
Rounded top	𐤛̧̣	𐤛̧̣	cv09=1

Alternate YAJ

Affects: U+2D36

Feature	Sample	Sample right-to-left	Feature setting
Standard	ɿ	ɿ	cv10=0
Lower dots	ɿ̣	ɿ̣	cv10=1

Alternate YAH (Tuareg yab)

Affects: U+2D40

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵀ	ⵀ	cv11=0
Rectangle style	ⵀ◻	ⵀ◻	cv11=1

Alternate YASH

Affects: U+2D5B

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵉ	ⵉ	cv12=0
8 shape	8	8	cv12=1

Alternate YATT

Affects: U+2D5F

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵐ	ⵐ	cv13=0
F shape	F	F	cv13=1

Alternate YADH

Affects: U+2D38

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵈ	ⵈ	cv15=0
Rounded bottom	ⵈ◡	ⵈ◡	cv15=1

Alternate YAL and YAL

Affects: U+2D4D U+2D4F

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵉⵐ ⵉⵍ ⵉⵎ ⵉⵏ	ⵉⵍ ⵉⵎ ⵉⵏ ⵉⵐ	cv19=0
Slanted	ⵉⵐ ⵉⵍ ⵉⵎ ⵉⵏ	ⵉⵍ ⵉⵎ ⵉⵏ ⵉⵐ	cv19=1

## Alternate punctuation

Affects: U+0021 U+002C U+002E

Feature	Sample	Sample right-to-left	Feature setting
Standard Latin	! , .		cv20=0
Decorative	! , .		cv20=1

## Ligature variants

### Alternate YAB YAT

Affects: U+2D31 U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	⊖+	+⊖	cv31=0
Interior T	⊕	⊕	cv31=1

### Alternate YAR YAT

Affects: U+2D54 U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	○+	+○	cv32=0
Large interior T	⊕	⊕	cv32=1
Small interior T	⊕	⊕	cv32=2

### Alternate YAS YAT

Affects: U+2D59 U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	⊙+	+⊙	cv33=0
Large interior T lower dot	⊕	⊕	cv33=1
Small interior T	⊕	⊕	cv33=2
Large interior T upper dot	⊕	⊕	cv33=3

## Alternate YAM YAT

Affects: U+2D4E U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	᳚	᳚	cv34=0
Mid exterior T	᳚᳚	᳚᳚	cv34=1
Low interior T	᳚	᳚	cv34=2
Center T	᳚᳚	᳚᳚	cv34=3

## Alternate YAF YAT

Affects: U+2D3C U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	᳚᳚	᳚᳚	cv35=0
Single bar, middle exterior T	᳚᳚	᳚᳚	cv02=1
Double bar, middle exterior T	᳚᳚	᳚᳚	cv35=1
Single bar, middle interior T	᳚᳚	᳚᳚	cv35=2
Open top & bottom, interior T	᳚᳚	᳚᳚	cv35=3

## Alternate YAN TUAREG YAK

Affects: U+2D4F U+2D3E

Feature	Sample	Sample right-to-left	Feature setting
Standard	᳚	᳚	cv36=0
Double cluster dots	᳚᳚	᳚᳚	cv36=1

## Alternate YAN YAT

Affects: U+2D4F U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	᳚	᳚	cv37=0
Side bar	᳚	᳚	cv37=1
Top bar	᳚	᳚	cv37=2

## Alternate YAL YAT

Affects: U+2D4D U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	᳚᳚	᳚᳚	cv38=0
Internal T	᳚᳚	᳚᳚	cv38=1

Feature	Sample	Sample right-to-left	Feature setting
	Პ	Პ	
Middle bar	Ჟ	Ჟ	cv38=2
X shape	Რ	Რ	cv38=3

### Alternate YU YAT (WT)

Affects: U+2D53 U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	Ს	Ს	cv39=0
Left short strokes	Ტ	Ტ	cv05=1
Tall T, left dots	Უ	Უ	cv39=1
Tall T, cross dots	Ფ	Ფ	cv39=2

### Alternate TUAREG YAZH YAT

Affects: U+2D4C U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	Ქ	Ქ	cv40=0
Mid exterior T	Ღ	Ღ	cv40=1
Center T	Ყ	Ყ	cv40=2

### Alternate YAN YAD

Affects: U+2D4F U+2D37

Feature	Sample	Sample right-to-left	Feature setting
Standard	Შ	Შ	cv41=0
Up down pointers	Ჩ	Ჩ	cv41=1

### Alternate YAN YAF

Affects: U+2D4F U+2D3C

Feature	Sample	Sample right-to-left	Feature setting
Standard	Ც	Ც	cv42=0
Top and bottom bars	Ძ	Ძ	cv42=1
No bars	Წ	Წ	cv42=2

## Alternate YAN YAJ

Affects: U+2D4F U+2D36

Feature	Sample	Sample right-to-left	Feature setting
Standard	ɥ	ɥ	cv43=0
Top and bottom dots	ɥ̣	ɥ̣	cv43=1

## Alternate YAN YAS

Affects: U+2D4F U+2D59

Feature	Sample	Sample right-to-left	Feature setting
Standard	⦶	⦶	cv44=0
Interior YAN	⦶̣	⦶̣	cv44=1

## Alternate YAN TUAREG YAZH

Affects: U+2D4F U+2D4C

Feature	Sample	Sample right-to-left	Feature setting
Standard	ɥ	ɥ	cv45=0
Exterior circles	ɥ̣	ɥ̣	cv45=1

## Alternate YAR TUAREG YAK

Affects: U+2D54 U+2D3E

Feature	Sample	Sample right-to-left	Feature setting
Standard	⦶̣	⦶̣	cv46=0
Double cluster dots	⦶̣̣	⦶̣̣	cv46=1

## Alternate YASH TUAREG YAK

Affects: U+2D5B U+2D3E

Feature	Sample	Sample right-to-left	Feature setting
Standard	⦶̣̣	⦶̣̣	cv47=0
Double cluster dots	⦶̣̣̣	⦶̣̣̣	cv47=1
8 shape	⦶̣̣̣̣	⦶̣̣̣̣	cv12=1
8 shape, double cluster dots	⦶̣̣̣̣̣	⦶̣̣̣̣̣	cv47=2

## Alternate YASH YAT

Affects: U+2D5B U+2D5C

Feature	Sample	Sample right-to-left	Feature setting
Standard	𑄛	𑄛	cv48=0
Internal T	𑄛	𑄛	cv48=1

## Stylistic sets (OpenType only)

### Alternate YA

Affects: U+2D30

Feature	Sample	Sample right-to-left	Feature setting
Standard	•	•	ss01=0
Circle	•	•	ss01=1

### Alternate YAF

Affects: U+2D3C

Feature	Sample	Sample right-to-left	Feature setting
Standard	𑄛	𑄛	ss02=0
I-shape	𑄛	𑄛	ss02=1
Open top and bottom	𑄛	𑄛	ss14=1

### Alternate YAGHH

Affects: U+2D34

Feature	Sample	Sample right-to-left	Feature setting
Standard	𑄛	𑄛	ss03=0
Round bottom	𑄛	𑄛	ss03=1

### Alternate YAGN

Affects: U+2D50

Feature	Sample	Sample right-to-left	Feature setting
Standard	𑄛	𑄛	ss04=0
Lowered bottom stroke	𑄛	𑄛	ss04=1



## Alternate YU

Affects: U+2D53

Feature	Sample	Sample right-to-left	Feature setting
Standard	:	:	ss05=0
Short strokes	:	:	ss05=1

## Alternate YAZ

Affects: U+2D63

Feature	Sample	Sample right-to-left	Feature setting
Standard	Ÿ	Ÿ	ss06=0
Squared	Ÿ	Ÿ	ss06=1

## Alternate Ahaggar YAZH

Affects: U+2D4B

Feature	Sample	Sample right-to-left	Feature setting
Standard	Ÿ	Ÿ	ss07=0
Squared	Ÿ	Ÿ	ss07=1

## Alternate YAB

Affects: U+2D31

Feature	Sample	Sample right-to-left	Feature setting
Standard	⊖	⊖	ss08=0
Rectangle style	⊖	⊖	ss08=1

## Alternate YAG

Affects: U+2D33

Feature	Sample	Sample right-to-left	Feature setting
Standard	Ŷ	Ŷ	ss09=0
Rounded top	Ŷ	Ŷ	ss09=1

## Alternate YAJ

Affects: U+2D36

Feature	Sample	Sample right-to-left	Feature setting
Standard	İ	İ	ss10=0
Lower dots	İ	İ	ss10=1

Alternate YAH (Tuareg yab)

Affects: U+2D40

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵝ	ⵝ	ss11=0
Rectangle style	ⵝ	ⵝ	ss11=1

Alternate YASH

Affects: U+2D5B

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵞ	ⵞ	ss12=0
8 shape	ⵞ	ⵞ	ss12=1

Alternate YATT

Affects: U+2D5F

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵟ	ⵟ	ss13=0
F shape	ⵟ	ⵟ	ss13=1

Alternate YADH

Affects: U+2D38

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵠ	ⵠ	ss15=0
Rounded bottom	ⵠ	ⵠ	ss15=1

Alternate YAL and YAL

Affects: U+2D4D U+2D4F

Feature	Sample	Sample right-to-left	Feature setting
Standard	ⵡ ⵢ ⵣ ⵤ	ⵡ ⵢ ⵣ ⵤ	ss19=0
Slanted	ⵡ ⵢ ⵣ ⵤ	ⵡ ⵢ ⵣ ⵤ	ss19=1

Alternate punctuation

Affects: U+0021 U+002C U+002E

Feature	Sample	Sample right-to-left	Feature setting
Standard Latin	! , .	! , .	ss20=0
Decorative	! , .	! , .	ss20=1

## Rendering support

### RenderingGraphite

This guide is from the [Akatab project](#) version 3.000 and is copyright © 1997-2022 SIL International.