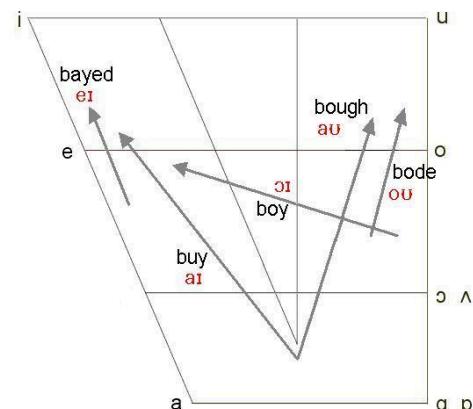
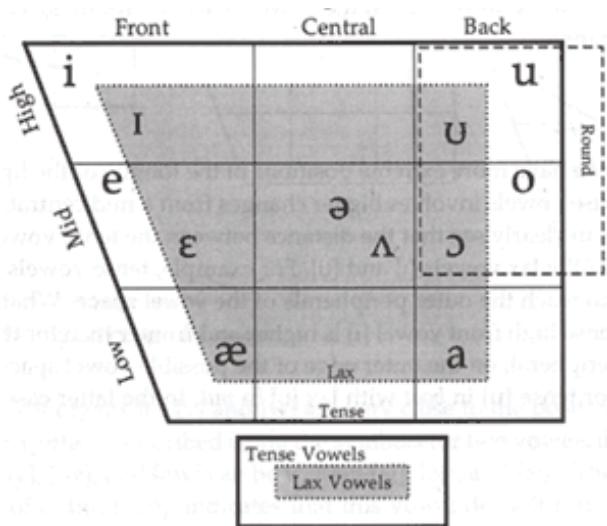


Vowels

- i (heat)
- I (hit)
- e (hate)
- ε (dress)
- æ (cat)
- ə (above) called the “Schwa”
- ʌ (above) the more emphasized “uh” sound
- u (food)
- ʊ (could)
- o (go)
- ɔ (thought)
- a (father or not)
- ə̞ (father) the unstressed Schwa with an r attached
- ə̝ (her) stressed “uh” sound with an r attached



American English Diphthongs  
relative to the Cardinal Vowels  
(typical of Midwestern USA)

after Ladefoged, 1993

consonants

IPA	examples
b	<u>bad</u> , <u>lab</u>
d	<u>did</u> , <u>lady</u>
f	<u>find</u> , <u>if</u>
g	<u>give</u> , <u>flag</u>
h	<u>how</u> , <u>hello</u>
j	<u>yes</u> , <u>yellow</u>
k	<u>cat</u> , <u>back</u>
l	<u>leg</u> , <u>little</u>
m	<u>man</u> , <u>lemon</u>
n	<u>no</u> , <u>ten</u>
ŋ	<u>sing</u> , <u>finger</u>
p	<u>pet</u> , <u>map</u>
r	<u>red</u> , <u>try</u>
s	<u>sun</u> , <u>miss</u>
ʃ	<u>she</u> , <u>crash</u>
t	<u>tea</u> , <u>getting</u>
tʃ	<u>check</u> , <u>church</u>
θ	<u>think</u> , <u>both</u>
ð	<u>this</u> , <u>mother</u>
v	<u>voice</u> , <u>five</u>
w	<u>wet</u> , <u>window</u>
z	<u>zoo</u> , <u>lazy</u>
ʒ	<u>pleasure</u> , <u>vision</u>
dʒ	<u>just</u> , <u>large</u>

Voiceless consonants on the left, voiced on the right

	Bilabial	Labiodental	Dental	Alveolar	Post-alveolar	Palato-alveolar	Palatal	Velar	Glottal
Plosive	p      b			t      d				k      g	
Fricative		f      v	θ      ð	s      z		ʃ      ʒ			h
Affricate						tʃ      dʒ			
Nasal	m			n				ŋ	
Lateral				l					
Frictionless Continuant	w			r			j		