

Proposed

Code Point Repertoire

Neo-brahmi GP

Draft: Gujarati

Preamble:

This document proposes the code-point repertoire for Gujarati.

The color code convention followed is as follows:

| Color | Disposition |
|-------|---|
| | Disallowed - As per IDNA protocol |
| | Disallowed - As per Maximal Starting Repertoire |
| | Disallowed - As per Neo-brahmi GP recommendation (Proposed) |
| | Allowed |

The document is based on the MSR-2 ([link](#)) released by the Integration Panel. For more elaborate documentation on the MSR-2 you refer the below links.

1. Maximal Starting Repertoire - MSR-2-Overview and Rationale-20150414 ([Link](#))
2. MSR-2-Annotated-non-CJK-Tables-20150413 ([Link](#))
3. MSR-2-Repertoire+WLE-Rules-20150413 ([Link](#))

For the current work-at hand, visiting the links 1 and 2 should be sufficient.

The MSR-2 is based on Unicode 7.0. The color coding conventions followed are similar to the ones used in the MSR-2 with the addition of blue marking to the characters barred by the Neo-brahmi GP.

The document is structured as,

1. Code-point repertoire
2. Rationale for exclusion

| | 0A8 | 0A9 | 0AA | 0AB | 0AC | 0AD | 0AE | 0AF |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----|
| 0 | | ૐ 0A90 | ઠ 0AA0 | ર 0AB0 | ી 0AC0 | ૐ 0AD0 | જ 0AE0 | |
| 1 | ઁ 0A81 | ૐ 0A91 | ડ 0AA1 | | ુ 0AC1 | | | |
| 2 | ં 0A82 | | ઢ 0AA2 | લ 0AB2 | ુ 0AC2 | | | |
| 3 | ઃ 0A83 | ૐ 0A93 | ણ 0AA3 | ળ 0AB3 | ુ 0AC3 | | | |
| 4 | | ૐ 0A94 | ત 0AA4 | | ૃ 0AC4 | | | |
| 5 | અ 0A85 | ક 0A95 | થ 0AA5 | વ 0AB5 | ં 0AC5 | | | |
| 6 | આ 0A86 | ખ 0A96 | દ 0AA6 | શ 0AB6 | | | ૦ 0AE6 | |
| 7 | ઈ 0A87 | ગ 0A97 | ધ 0AA7 | ષ 0AB7 | ે 0AC7 | | ૧ 0AE7 | |
| 8 | ઇ 0A88 | ઘ 0A98 | ન 0AA8 | સ 0AB8 | ૈ 0AC8 | | ૨ 0AE8 | |
| 9 | ઉ 0A89 | ડ 0A99 | | હ 0AB9 | ૉ 0AC9 | | ૩ 0AE9 | |
| A | ઊ 0A8A | ચ 0A9A | પ 0AA9 | | | | ૪ 0AEA | |
| B | જ 0A8B | છ 0A9B | જ 0AAB | | ો 0ACB | | ૫ 0AEB | |
| C | | ઝ 0A9C | ઞ 0AAC | ૃ 0ABC | ૌ 0ACC | | ૬ 0AEC | |
| D | એ 0A8D | ઝ 0A9D | ભ 0AAD | ટ 0ABD | ્ 0ACD | | ૭ 0AED | |
| E | | ઞ 0A9E | મ 0AAE | ા 0ABE | | | ૮ 0AEE | |
| F | એ 0A8F | ટ 0A9F | ય 0AAF | િ 0ABF | | | ૯ 0AEF | |

Various signs

| | | |
|------|-----|---------------------------|
| 0A81 | ◌̣ | GUJARATI SIGN CANDRABINDU |
| 0A82 | ◌̇ | GUJARATI SIGN ANUSVARA |
| 0A83 | ◌̈́ | GUJARATI SIGN VISARGA |

Independent vowels

| | | |
|------|----|--|
| 0A85 | અ | GUJARATI LETTER A |
| 0A86 | આ | GUJARATI LETTER AA |
| 0A87 | ઇ | GUJARATI LETTER I |
| 0A88 | ઈ | GUJARATI LETTER II |
| 0A89 | ઉ | GUJARATI LETTER U |
| 0A8A | ઊ | GUJARATI LETTER UU |
| 0A8B | ઋ | GUJARATI LETTER VOCALIC R |
| 0A8C | ૠ | GUJARATI LETTER VOCALIC L • used with Sanskrit text |
| 0A8D | ઐ | GUJARATI VOWEL CANDRA E |
| 0A8E | ◌̣ | <reserved> |
| 0A8F | એ | GUJARATI LETTER E |
| 0A90 | ૐ | GUJARATI LETTER AI |
| 0A91 | ઔ | GUJARATI VOWEL CANDRA O |
| 0A92 | ◌̣ | <reserved> |
| 0A93 | ઓ | GUJARATI LETTER O |
| 0A94 | ઔ | GUJARATI LETTER AU |

Consonants

| | | |
|------|----|----------------------|
| 0A95 | ક | GUJARATI LETTER KA |
| 0A96 | ખ | GUJARATI LETTER KHA |
| 0A97 | ગ | GUJARATI LETTER GA |
| 0A98 | ઘ | GUJARATI LETTER GHA |
| 0A99 | ઙ | GUJARATI LETTER NGA |
| 0A9A | ચ | GUJARATI LETTER CA |
| 0A9B | છ | GUJARATI LETTER CHA |
| 0A9C | જ | GUJARATI LETTER JA |
| 0A9D | ઝ | GUJARATI LETTER JHA |
| 0A9E | ઞ | GUJARATI LETTER NYA |
| 0A9F | ટ | GUJARATI LETTER TTA |
| 0AA0 | ઠ | GUJARATI LETTER TTHA |
| 0AA1 | ડ | GUJARATI LETTER DDA |
| 0AA2 | ઢ | GUJARATI LETTER DDHA |
| 0AA3 | ણ | GUJARATI LETTER NNA |
| 0AA4 | ત | GUJARATI LETTER TA |
| 0AA5 | થ | GUJARATI LETTER THA |
| 0AA6 | દ | GUJARATI LETTER DA |
| 0AA7 | ધ | GUJARATI LETTER DHA |
| 0AA8 | ન | GUJARATI LETTER NA |
| 0AA9 | ◌̣ | <reserved> |
| 0AAA | પ | GUJARATI LETTER PA |
| 0AAB | ફ | GUJARATI LETTER PHA |
| 0AAC | બ | GUJARATI LETTER BA |
| 0AAD | ભ | GUJARATI LETTER BHA |
| 0AAE | મ | GUJARATI LETTER MA |
| 0AAF | ય | GUJARATI LETTER YA |
| 0AB0 | ર | GUJARATI LETTER RA |
| 0AB1 | ◌̣ | <reserved> |
| 0AB2 | લ | GUJARATI LETTER LA |
| 0AB3 | ળ | GUJARATI LETTER LLA |
| 0AB4 | ◌̣ | <reserved> |
| 0AB5 | વ | GUJARATI LETTER VA |
| 0AB6 | શ | GUJARATI LETTER SHA |
| 0AB7 | ષ | GUJARATI LETTER SSA |
| 0AB8 | સ | GUJARATI LETTER SA |
| 0AB9 | હ | GUJARATI LETTER HA |

Various signs

| | | |
|------|----|--|
| 0ABC | ◌̣ | GUJARATI SIGN NUKTA • for extending the alphabet to new letters |
| 0ABD | ઁ | GUJARATI SIGN AVAGRAHA |

Dependent vowel signs

| | | |
|------|----|--|
| 0ABE | ◌̣ | GUJARATI VOWEL SIGN AA |
| 0ABF | ◌̣ | GUJARATI VOWEL SIGN I • stands to the left of the consonant |
| 0AC0 | ◌̣ | GUJARATI VOWEL SIGN II |
| 0AC1 | ◌̣ | GUJARATI VOWEL SIGN U |
| 0AC2 | ◌̣ | GUJARATI VOWEL SIGN UU |
| 0AC3 | ◌̣ | GUJARATI VOWEL SIGN VOCALIC R |
| 0AC4 | ◌̣ | GUJARATI VOWEL SIGN VOCALIC RR |
| 0AC5 | ◌̣ | GUJARATI VOWEL SIGN CANDRA E |
| 0AC6 | ◌̣ | <reserved> |
| 0AC7 | ◌̣ | GUJARATI VOWEL SIGN E |
| 0AC8 | ◌̣ | GUJARATI VOWEL SIGN AI |
| 0AC9 | ◌̣ | GUJARATI VOWEL SIGN CANDRA O |
| 0ACA | ◌̣ | <reserved> |
| 0ACB | ◌̣ | GUJARATI VOWEL SIGN O |
| 0ACC | ◌̣ | GUJARATI VOWEL SIGN AU |

Virama

| | | |
|------|----|----------------------|
| 0ACD | ◌̣ | GUJARATI SIGN VIRAMA |
|------|----|----------------------|

Various signs

| | | |
|------|---|-------------|
| 0AD0 | ॐ | GUJARATI OM |
|------|---|-------------|

Additional vowels for Sanskrit

| | | |
|------|----|--------------------------------|
| 0AE0 | ઋ | GUJARATI LETTER VOCALIC RR |
| 0AE1 | ૠ | GUJARATI LETTER VOCALIC LL |
| 0AE2 | ◌̣ | GUJARATI VOWEL SIGN VOCALIC L |
| 0AE3 | ◌̣ | GUJARATI VOWEL SIGN VOCALIC LL |

Reserved

For viram punctuation, use the generic Indic 0964 and 0965.

| | | |
|------|----|---|
| 0AE4 | ◌̣ | <reserved> → 0964 devanagari danda |
| 0AE5 | ◌̣ | <reserved> → 0965 devanagari double danda |

Digits

| | | |
|------|---|----------------------|
| 0AE6 | ૦ | GUJARATI DIGIT ZERO |
| 0AE7 | ૧ | GUJARATI DIGIT ONE |
| 0AE8 | ૨ | GUJARATI DIGIT TWO |
| 0AE9 | ૩ | GUJARATI DIGIT THREE |
| 0AEA | ૪ | GUJARATI DIGIT FOUR |
| 0AEB | ૫ | GUJARATI DIGIT FIVE |
| 0AEC | ૬ | GUJARATI DIGIT SIX |
| 0AED | ૭ | GUJARATI DIGIT SEVEN |
| 0AEE | ૮ | GUJARATI DIGIT EIGHT |
| 0AEF | ૯ | GUJARATI DIGIT NINE |

Abbreviation sign

| | | |
|------|----|----------------------------|
| 0AF0 | ◌̣ | GUJARATI ABBREVIATION SIGN |
|------|----|----------------------------|

Currency sign

| | | |
|------|---|--|
| 0AF1 | ₹ | GUJARATI RUPEE SIGN • preferred spelling is 0AB0 ર 0AC2 ઠ 0AF0 |
|------|---|--|

Rationale:

| Gujarati: | | |
|-------------------|--------------------------------|--------------------------------|
| Code Point | Name | Rationale for exclusion |
| U+0A8C | GUJARATI LETTER VOCALIC L | Not in modern language usage |
| U+0ABC | GUJARATI SIGN NUKTA | Not in modern language usage |
| U+0AC4 | GUJARATI VOWEL SIGN VOCALIC RR | Not in modern language usage |