

The group G is isomorphic to the projective special linear group $\text{PSL}(3,3)$.
 Ordinary character table of $G \cong \text{PSL}(3,3)$:

	1 <i>a</i>	2 <i>a</i>	3 <i>a</i>	3 <i>b</i>	4 <i>a</i>	6 <i>a</i>	8 <i>a</i>		8 <i>b</i>	13 <i>a</i>		13 <i>b</i>	13 <i>c</i>		13 <i>d</i>
χ_1	1	1	1	1	1	1	1		1	1		1	1		1
χ_2	12	4	3	0	0	1	0		0	−1		−1	−1		−1
χ_3	13	−3	4	1	1	0	−1		−1	0		0	0		0
χ_4	16	0	−2	1	0	0	0		0	$E(13)^{\frown}4 + E(13)^{\frown}10 + E(13)^{\frown}12$		$E(13)^{\frown}7 + E(13)^{\frown}8 + E(13)^{\frown}11$	$E(13) + E(13)^{\frown}3 + E(13)^{\frown}9$		$E(13)^{\frown}2 + E(13)^{\frown}5 + E(13)^{\frown}6$
χ_5	16	0	−2	1	0	0	0		0	$E(13)^{\frown}7 + E(13)^{\frown}8 + E(13)^{\frown}11$		$E(13) + E(13)^{\frown}3 + E(13)^{\frown}9$	$E(13)^{\frown}2 + E(13)^{\frown}5 + E(13)^{\frown}6$		$E(13)^{\frown}4 + E(13)^{\frown}10 + E(13)^{\frown}12$
χ_6	16	0	−2	1	0	0	0		0	$E(13)^{\frown}2 + E(13)^{\frown}5 + E(13)^{\frown}6$		$E(13)^{\frown}4 + E(13)^{\frown}10 + E(13)^{\frown}12$	$E(13)^{\frown}7 + E(13)^{\frown}8 + E(13)^{\frown}11$		$E(13) + E(13)^{\frown}3 + E(13)^{\frown}9$
χ_7	16	0	−2	1	0	0	0		0	$E(13) + E(13)^{\frown}3 + E(13)^{\frown}9$		$E(13)^{\frown}2 + E(13)^{\frown}5 + E(13)^{\frown}6$	$E(13)^{\frown}4 + E(13)^{\frown}10 + E(13)^{\frown}12$		$E(13)^{\frown}7 + E(13)^{\frown}8 + E(13)^{\frown}11$
χ_8	26	2	−1	−1	2	−1	0		0	0		0	0		0
χ_9	26	−2	−1	−1	0	1	$E(8) + E(8)^{\frown}3$	$−E(8) − E(8)^{\frown}3$		0		0	0		0
χ_{10}	26	−2	−1	−1	0	1	$−E(8) − E(8)^{\frown}3$	$E(8) + E(8)^{\frown}3$		0		0	0		0
χ_{11}	27	3	0	0	−1	0	−1		−1	1		1	1		1
χ_{12}	39	−1	3	0	−1	−1	1		1	0		0	0		0

Trivial source character table of $G \cong \text{PSL}(3,3)$ at $p = 13$

<i>Normalisers</i> N_i	N_1								N_2		
p − subgroups of G up to conjugacy in G	P_1								P_2		
<i>Representatives</i> $n_j \in N_i$	1 <i>a</i>	2 <i>a</i>	3 <i>a</i>	3 <i>b</i>	4 <i>a</i>	6 <i>a</i>	8 <i>a</i>	8 <i>b</i>	1 <i>a</i>	3 <i>b</i>	3 <i>b</i>
$1 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	13	5	4	1	1	2	1	1	0	0	0
$0 \cdot \chi_1 + 1 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12}$	39	7	3	0	−1	1	−1	−1	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 1 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	13	−3	4	1	1	0	−1	−1	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 1 \cdot \chi_4 + 1 \cdot \chi_5 + 1 \cdot \chi_6 + 1 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12}$	91	3	−8	4	−1	0	−1	−1	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 1 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	26	2	−1	−1	2	−1	0	0	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 1 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	26	−2	−1	−1	0	1	$−E(8) − E(8)^{\frown}3$	$E(8) + E(8)^{\frown}3$	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 1 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	26	−2	−1	−1	0	1	$E(8) + E(8)^{\frown}3$	$−E(8) − E(8)^{\frown}3$	0	0	0
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 1 \cdot \chi_{12}$	39	−1	3	0	−1	−1	1	1	0	0	0
$1 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 0 \cdot \chi_{11} + 0 \cdot \chi_{12}$	1	1	1	1	1	1	1	1	1	1	1
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12}$	27	3	0	0	−1	0	−1	−1	1	$E(3)^{\frown}2$	$E(3)$
$0 \cdot \chi_1 + 0 \cdot \chi_2 + 0 \cdot \chi_3 + 0 \cdot \chi_4 + 0 \cdot \chi_5 + 0 \cdot \chi_6 + 0 \cdot \chi_7 + 0 \cdot \chi_8 + 0 \cdot \chi_9 + 0 \cdot \chi_{10} + 1 \cdot \chi_{11} + 0 \cdot \chi_{12}$	27	3	0	0	−1	0	−1	−1	1	$E(3)$	$E(3)^{\frown}2$

$$P_1 = Group([(())]) \cong 1$$

$$P_2 = Group([(1, 2, 11, 7, 12, 4, 8, 3, 6, 5, 10, 13, 9)]) \cong \text{C13}$$

$$N_1 = Group([(2, 4)(3, 5)(6, 8)(10, 11), (1, 2, 3)(5, 6, 7)(8, 9, 10)(11, 12, 13)]) \cong \text{PSL}(3,3)$$

$$N_2 = Group([(1, 2, 11, 7, 12, 4, 8, 3, 6, 5, 10, 13, 9), (2, 7, 5)(3, 6, 13)(4, 11, 8)(9, 10, 12)]) \cong \text{C13} : \text{C3}$$