

All units in time

Edit any value and every other unit updates instantly.

METRIC · 5 units		▲
scientific year	TO UNIT	1.0000
second	s ⓘ	31 556 926
millisecond	ms	31 556 925 994
microsecond	µs	31 556 925 993 600
nanosecond	ns	31 556 925 993 600 028
COMMON UNITS · 7 units		▲
julian year	ⓘ	1.0000
gregorian year	ⓘ	1.000
month (30 days)	mo	12.17
week	wk	52.18
day	d ⓘ	365.2
hour	h ⓘ	8 766
minute	min ⓘ	525 949
ASTRONOMICAL · 4 units		▲
anomalistic year	ⓘ	1.0000
sidereal year		1.0000
stellar year		1.0000

tropical year FROM

1.000

Conversion table from tropical year to second

TROPICAL YEAR	SECOND
0	0
1.000	31 556 926
2.000	63 113 852
3.000	94 670 778
4.000	126 227 704
5.000	157 784 630
6.000	189 341 556
7.000	220 898 482
8.000	252 455 408
9.000	284 012 334
10.00	315 569 260
11.00	347 126 186
12.00	378 683 112
13.00	410 240 038
14.00	441 796 964
15.00	473 353 890
16.00	504 910 816
17.00	536 467 742
18.00	568 024 668
19.00	599 581 594
20.00	631 138 520
21.00	662 695 446

TROPICAL YEAR	SECOND
22.00	694 252 372
23.00	725 809 298
24.00	757 366 224
25.00	788 923 150
26.00	820 480 076
27.00	852 037 002
28.00	883 593 928
29.00	915 150 854

Conversion table from tropical year to minute

TROPICAL YEAR	MINUTE
0	0
1.000	525 949
2.000	1 051 898
3.000	1 577 846
4.000	2 103 795
5.000	2 629 744
6.000	3 155 693
7.000	3 681 641
8.000	4 207 590
9.000	4 733 539
10.00	5 259 488
11.00	5 785 436
12.00	6 311 385
13.00	6 837 334
14.00	7 363 283
15.00	7 889 231
16.00	8 415 180
17.00	8 941 129
18.00	9 467 078
19.00	9 993 027
20.00	10 518 975
21.00	11 044 924

TROPICAL YEAR	MINUTE
22.00	11 570 873
23.00	12 096 822
24.00	12 622 770
25.00	13 148 719
26.00	13 674 668
27.00	14 200 617
28.00	14 726 565
29.00	15 252 514

Conversion table from tropical year to hour

TROPICAL YEAR	HOUR
0	0
1.000	8 766
2.000	17 532
3.000	26 297
4.000	35 063
5.000	43 829
6.000	52 595
7.000	61 361
8.000	70 127
9.000	78 892
10.00	87 658
11.00	96 424
12.00	105 190
13.00	113 956
14.00	122 721
15.00	131 487
16.00	140 253
17.00	149 019
18.00	157 785
19.00	166 550
20.00	175 316
21.00	184 082

TROPICAL YEAR	HOUR
22.00	192 848
23.00	201 614
24.00	210 380
25.00	219 145
26.00	227 911
27.00	236 677
28.00	245 443
29.00	254 209