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Yards to Metres Conversion Chart

Yards to metres, including fabric fractions

For: Sewing and fabric buyers, golfers, landscapers and students

allunitconversions.com/yd-to-m-conversion-chart
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EXACT DEFINITION	FORMULA	REVERSE	WORKED EXAMPLE
1 yard = 0.9144 m exactly	m = yd × 0.9144	yd = m ÷ 0.9144	2 ½ yd × 0.9144 = 2.286 m

Metres are rounded to 3 decimal places; centimetres to 1 decimal place.

Fabric: fractional yards

Yards	Metres (m)	Centimetres (cm)	Yards	Metres (m)	Centimetres (cm)
⅛	0.114	11.4	1 ½	1.372	137.2
¼	0.229	22.9	1 ¾	1.600	160.0
⅜	0.343	34.3	2	1.829	182.9
½	0.457	45.7	2 ½	2.286	228.6
⅝	0.572	57.2	3	2.743	274.3
¾	0.686	68.6	3 ½	3.200	320.0
⅞	0.800	80.0	4	3.658	365.8
1	0.914	91.4	5	4.572	457.2
1 ¼	1.143	114.3	6	5.486	548.6

1 to 100 yards

Yards (yd)	Metres (m)	Yards (yd)	Metres (m)	Yards (yd)	Metres (m)	Yards (yd)	Metres (m)
1	0.914	**26**	23.774	**51**	46.634	**76**	69.494
2	1.829	**27**	24.689	**52**	47.549	**77**	70.409
3	2.743	**28**	25.603	**53**	48.463	**78**	71.323
4	3.658	**29**	26.518	**54**	49.378	**79**	72.238
5	4.572	**30**	27.432	**55**	50.292	**80**	73.152
6	5.486	**31**	28.346	**56**	51.206	**81**	74.066
7	6.401	**32**	29.261	**57**	52.121	**82**	74.981
8	7.315	**33**	30.175	**58**	53.035	**83**	75.895
9	8.230	**34**	31.090	**59**	53.950	**84**	76.810
10	9.144	**35**	32.004	**60**	54.864	**85**	77.724
11	10.058	**36**	32.918	**61**	55.778	**86**	78.638
12	10.973	**37**	33.833	**62**	56.693	**87**	79.553
13	11.887	**38**	34.747	**63**	57.607	**88**	80.467
14	12.802	**39**	35.662	**64**	58.522	**89**	81.382
15	13.716	**40**	36.576	**65**	59.436	**90**	82.296
16	14.630	**41**	37.490	**66**	60.350	**91**	83.210
17	15.545	**42**	38.405	**67**	61.265	**92**	84.125
18	16.459	**43**	39.319	**68**	62.179	**93**	85.039
19	17.374	**44**	40.234	**69**	63.094	**94**	85.954
20	18.288	**45**	41.148	**70**	64.008	**95**	86.868
21	19.202	**46**	42.062	**71**	64.922	**96**	87.782
22	20.117	**47**	42.977	**72**	65.837	**97**	88.697

Yards (yd)	Metres (m)	Yards (yd)	Metres (m)	Yards (yd)	Metres (m)	Yards (yd)	Metres (m)
23	21.031	**48**	43.891	**73**	66.751	**98**	89.611
24	21.946	**49**	44.806	**74**	67.666	**99**	90.526
25	22.860	**50**	45.720	**75**	68.580	**100**	91.440

110 to 1,000 yards

Yards (yd)	Metres (m)	Yards (yd)	Metres (m)	Yards (yd)	Metres (m)
110	100.6	**260**	237.7	**410**	374.9
120	109.7	**270**	246.9	**420**	384.0
130	118.9	**280**	256.0	**430**	393.2
140	128.0	**290**	265.2	**440**	402.3
150	137.2	**300**	274.3	**450**	411.5
160	146.3	**310**	283.5	**460**	420.6
170	155.4	**320**	292.6	**470**	429.8
180	164.6	**330**	301.8	**480**	438.9
190	173.7	**340**	310.9	**490**	448.1
200	182.9	**350**	320.0	**500**	457.2
210	192.0	**360**	329.2	**600**	548.6
220	201.2	**370**	338.3	**700**	640.1
230	210.3	**380**	347.5	**800**	731.5
240	219.5	**390**	356.6	**900**	823.0
250	228.6	**400**	365.8	**1,000**	914.4

Sources and method

- **International Yard and Pound Agreement (1959)** — 1 in = 25.4 mm, 1 ft = 0.3048 m, 1 lb = 0.453 592 37 kg exactly
- **NIST Special Publication 811** — Guide for the Use of the International System of Units (www.nist.gov/pml/special-publication-811)

Conversion values on this sheet are generated by the AllUnitConversions conversion library and automatically checked against the exact definitions above before the PDF is produced; reference tables are taken from the sources listed. Interactive version, corrections and more charts: **allunitconversions.com/yd-to-m-conversion-chart**