Fabric yards to inches chart

Last checked 2026-11-17

1 yard is 36 inches, 3 feet or 0.9144 metres. Half a yard is 18 inches and a quarter yard is 9 inches.

Yards	Inches	Feet	Metres	Centimetres
1/8 yd	4.5 in	0.38 ft	0.11 m	11.4 cm
1/4 yd	9 in	0.75 ft	0.23 m	22.9 cm
3/8 yd	13.5 in	1.13 ft	0.34 m	34.3 cm
1/2 yd	18 in	1.5 ft	0.46 m	45.7 cm
5/8 yd	22.5 in	1.88 ft	0.57 m	57.2 cm
3/4 yd	27 in	2.25 ft	0.69 m	68.6 cm
7/8 yd	31.5 in	2.63 ft	0.8 m	80 cm
1 yd	36 in	3 ft	0.91 m	91.4 cm
1 1/4 yd	45 in	3.75 ft	1.14 m	114.3 cm
1 1/2 yd	54 in	4.5 ft	1.37 m	137.2 cm
1 3/4 yd	63 in	5.25 ft	1.6 m	160 cm
2 yd	72 in	6 ft	1.83 m	182.9 cm
2 1/2 yd	90 in	7.5 ft	2.29 m	228.6 cm
3 yd	108 in	9 ft	2.74 m	274.3 cm
3 1/2 yd	126 in	10.5 ft	3.2 m	320 cm
4 yd	144 in	12 ft	3.66 m	365.8 cm
5 yd	180 in	15 ft	4.57 m	457.2 cm
6 yd	216 in	18 ft	5.49 m	548.6 cm
8 yd	288 in	24 ft	7.32 m	731.5 cm
10 yd	360 in	30 ft	9.14 m	914.4 cm

1 yd = 36 in = 0.9144 m exactly, by definition (computed).

Computed or quoted from the sources below; check your pattern or manual before you cut.

Sources

C&T Publishing: calculating backing yardage: https://ctpub.com/blog/quilting-tips-calculating-yardage-for-quilt-backing
National Quilters Circle: how to calculate binding: https://www.nationalquilterscircle.com/post/how-to-calculate-binding
Utah State University Extension: binding a quilt: https://extension.usu.edu/sewing/research/binding-a-quilt.php