

Swatch Yardage Calculator

how much yarn will I need?



The most reliable yarn estimate comes from your own hands. Crochet a swatch, measure the yarn it took, then scale that up to your whole project. Built from your tension — not a guess.

1 Make & measure a swatch

Crochet a swatch in your project's stitch — about 4 × 4 inches. Then unravel it and measure the yarn it used, **or** weigh the swatch in grams and use your ball band's yards-per-ball to convert.

SWATCH WIDTH (IN)

SWATCH HEIGHT (IN)

SWATCH AREA

w × h = _____ sq in

YARN THE SWATCH USED (YARDS)

2 Measure your finished project

PROJECT WIDTH (IN)

PROJECT LENGTH (IN)

PROJECT AREA

w × h = _____ sq in

3 Scale it up

Yarn per sq in = swatch yarn _____ ÷ swatch area _____ = _____

Base yardage = yarn per sq in _____ × project area _____ = _____

Buy this much = base _____ × shape & margin (below) = _____ yds

♥ SHAPE ADJUSTMENT

Flat — blanket, scarf	×1.0
Round — hat, doily	×1.1
Garment with shaping	×1.15
3D / amigurumi & seams	×1.3

♥ SAFETY MARGIN

Tight budget	×1.05
Standard	×1.1
Cautious	×1.15
Colorwork / cables	×1.2

Yardage Planner

WORK OUT SEVERAL PROJECTS AT ONCE



Once you know your yarn-per-square-inch from page one, drop it in for each project here and let the table carry the rest of the math.

PROJECT	AREA (SQ IN)	YDS / SQ IN	BASE YDS	BUY (YDS)

♥ **Rounding up.** Yarn is sold by the ball, so round each “Buy” figure up to the next whole ball — and an extra ball for dye-lot insurance is never wasted.