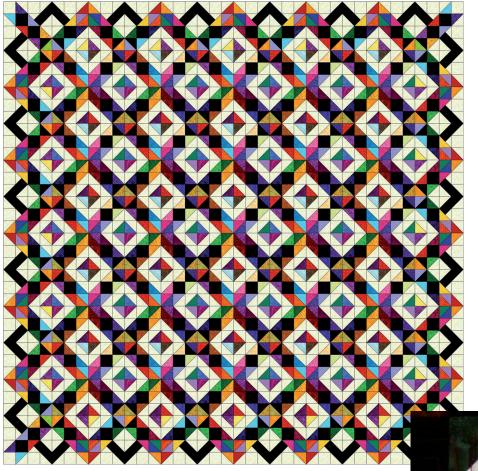


Firmament

E-2012-A0088 Design by Jutta Hufnagel © 2012



The Project

This quilt is wonderful for using up a huge quantity of scraps. It uses up a total of 1,288 multicoloured half square triangles, 912 background half square triangles and 240 half square triangles and 148 squares in black!

When the blocks are used without sashings, a secondary motif emerges.

Finished Quilt Size

76" by 76" (ca. 1.9 m by 1.9 m)

Finished Block Size

12" (31.5 cm)

Difficulty

Intermediate

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At Quilt around the World, you will find many articles how to use up scraps of many shapes and sizes:

http://www.quílt-around-the-world.com/en/content/scrap-ma-nagement

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Read all the instructions carefully including those on quilting and finishing before starting the project. If you are still fairly new to quilting, come to

www.quilt-around-the-world.com

for more information.

Technique and Layout

The pattern for this quilt was created for template-free rotary cutting. The quilt has twenty-five 12" (30 cm) Firmament blocks, 20 Firmament border blocks and 4 Firmament corner blocks set horizontally.

The guilt was guilted entirely by machine.

Firmament Block

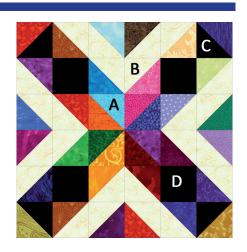
Cutting

<u>Triangle A:</u> From the scraps, thirty six 2 7/8" (7.5 cm) half-square triangles.

<u>Triangle B:</u> From background fabric, cut twelve 2 7/8" (7.5 cm) squares. Cut the squares diagonally once into a total of twenty four (24) half-square triangles.

<u>Triangle C:</u> From black fabric, cut two 2 7/8" (7.5 cm) squares. Cut the squares once diagonally into a total of four half square triangles.

Square D: From black fabric, cut four 2 1/2" (6.5 cm) squares.





Sewing Instructions

First, join all the half square triangles in pairs to form squares.

It is not important in which order you do this, but it is important not to lose your way while sewing.

Chain sewing saves both time and thread – just push the next pair of triangles under the feed dog of your machine when you have done the backstitching on the previous pair. Don't snip the threads between the pairs of triangles before pressing, but carry the "chain" to the ironing board.

At the ironing board, snip the threads, press the seam allowances towards the darker fabrics and put the squares back immediately where they came from. It is very easy to get confused...

Continue making units consisting of two squares.

In the next step, join the pairs of squares to the pair of squares immediately below.

You will now have nine square units.

Join these units to form three rows.

Join the rows into a finished block.

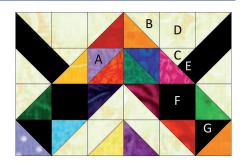


Firmament Border Block

Cutting

<u>Triangle A:</u> From the scraps, eighteen (18) 2 7/8" (7.5 cm) half-square triangles.

<u>Triangle B:</u> From background fabric, cut seven (7) 2 7/8" (7.5 cm) squares. Cut the squares diagonally once into a total of fourteen (14) half-square triangles.



Firmament Border Block (continued)

<u>Triangle C:</u> From background fabric, cut one (1) 3 $\frac{1}{2}$ " (8.5 cm) square. Cut the square twice diagonally into a total of four (4) quarter-square triangles. Set two aside for the next block.

Square D: From background fabric, cut two (2) 2 ½" (6.5 cm) squares.

<u>Triangle E</u>: From black fabric, cut one (1) 3 ¼" (8.5 cm) square. Cut the square twice diagonally into a total of four (4) quarter-square triangles. Set two aside for the next block.

Triangle F: From black fabric, cut two (2) 2 ½" (6.5 cm) squares.

<u>Triangle G:</u> From black fabric, cut three (3) 2 7/8" (7.5 cm) squares. Cut the squares once diagonally into a total of six (6) half square triangles.

Sewing Instructions

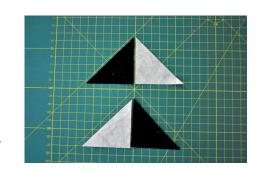
First, join all the pairs of quarter-square triangles (triangles C and E) to form half-square triangles. It is important that the fabrics are placed reversed left to right as shown.

Continue by joining the half-square triangles in pairs to form squares. Again, it is not important in which order you do this, but it is important not to lose your way while sewing.

Press the seam allowances towards the darker fabrics and put the squares back immediately where they came from.

In the next step, join the pairs of squares to the pair of squares immediately below.

Join the resulting units to form two rows and then the rows into a block.









Firmament Corner Block

Cutting

<u>Triangle A:</u> From the scraps, cut seven (7) 2 7/8" (7.5 cm) half-square triangles.

<u>Triangle B:</u> From background fabric, cut four (4) 2 7/8" (7.5 cm) squares. Cut the squares diagonally once into a total of eight (8) half-square triangles.

<u>Triangle C:</u> From background fabric, cut one (1) 3 ¼" (8.5 cm) square. Cut the square twice diagonally into a total of four (4) quarter-square triangles. Set two aside for the next block.

Square D: From background fabric, cut three (3) 2 ½" (6.5 cm) squares.

<u>Triangle E:</u> From black fabric, cut one (1) 3 %" (8.5 cm) square. Cut the square twice diagonally into a total of four (4) quarter-square triangles. Set two aside for the next block.

Square F: From black fabric, cut two (2) 2 ½" (6.5 cm) squares.

<u>Triangle G:</u> From black fabric, cut three (3) 2 7/8" (7.5 cm) squares. Cut the squares once diagonally into a total of six (6) half square triangles. Set one triangle aside for the next block.

Sewing Instructions

Proceed according to the explanations above for the Firmament Block and for the Firmament Border Block.

Lots of additional information for the Firmament quilt (assembly, quilting, finishing) is available on Quilt around the World: http://www.quilt-around-the-world.com/en/content/firmament



E-2012-A0088 Free Pattern Design: Jutta Hufnagel

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About Quilt around the World

Quilt around the World is an innovative, interactive and international online magazine for patchwork and quilting.

Here you will find all kinds of patterns: quilts, cushions, bags, textile jewellery and much more. Moreover, there are rivetting (quilt) travel reports, interesting interviews, book and product reviews and a calendar of events. As a member, you can interact with other members through a commentary function.

All articles are available in English and German. Many articles are accessible for everyone without having to create a login!

Participate in our first INTERNATIONAL BLOCK SWAP! Details and lots of inspiration (free block patterns!) available at

www.quilt-around-the-world.com

Materials, Tools, and Notions for the Firmament Quilt

Tools

Rotary cutter, mat, ruler
Iron and ironing board
Sewing machine
Pins
Matching thread for piecing
Thread for machine quilting
Safety pins or basting thread

Material for the Firmament blocks

Multicoloured scraps: a total of 1.25 yds (1.25 m)

Black fabric: 3.5 yds (3.5 m)

Background fabric: 3.75 yds (3.75 m)

Material for Finishing the Quilt

A piece of batting, ca. 85" by 85" (2.1 m by 2.1 m) A piece of backing fabric, ca. 85" by 85" (2.1 m by 2.1 m)



An alternative layout and colour setting for the Firmament corner blocks...