

## 1. Main menu:



Figure 1 - Main menu

From main menu, player can choose between two player mode and three player mode. For players who are not familiar with this game, help function is available to support them with detail explanations about game rules.

## 2. 2 Players Mode, 3 Players Mode

In this game, playing rules for both two player mode and three player mode are the same. Before the game, each player will enter his/her name and choose one following three colors as his/her point enabled color: red, yellow, blue. Players will take turn to place one of twenty seven available colorful pieces to the game board. Game board is a grid of squares as shown in left part of figure 2. In figure 2, examples of colorful pieces are shown in available pieces pane and selected piece pane. Each colorful piece consists of a black isosceles right angled triangle with one square attached to each of its side. Each square color can be yellow, red or blue. Hence there are totally twenty seven different colorful pieces.

Each colorful piece can be used only once in a game. A piece can be placed to game board only if it is not overlapped with any existing piece on the game board and it is placed adjacent to another piece such that adjacent “squares” are in same color. At each turn, a player can place only one piece to the game board. Once a piece has been laid down, it cannot be removed. A piece can be rotated before being placed to game board. Two or more squares with same color sitting next to each other form a strip. For each square in a strip of large squares, the player who registered the strip color as their point enabled color will be rewarded one point. Winner will be the person who gets the highest score. In case there are players with the same highest score, winner will be decided by number of strips of their chosen color. Players who points were made by the fewest number of strips will be the winner. In figure 2, player 1 is currently leading with 6 points made, while the player who chooses yellow will get 4 points and 5 points is rewarded to blue player.

To place a piece to game board, select it from available pieces pane by clicking on the piece. The selected piece will appears in selected piece pane. From here, player has option to rotate the piece by clicking on “Rotate” button. When the game board is empty, player can place selected piece to game board freely by clicking on desired location on game board. Other than that, a piece can be place to game board only above rules are satisfy. An instruction text appearing on top of the game board will let you know what you need to do in case you need help. Information about current player also appears on top of the game board. To return main menu, just close the current window.

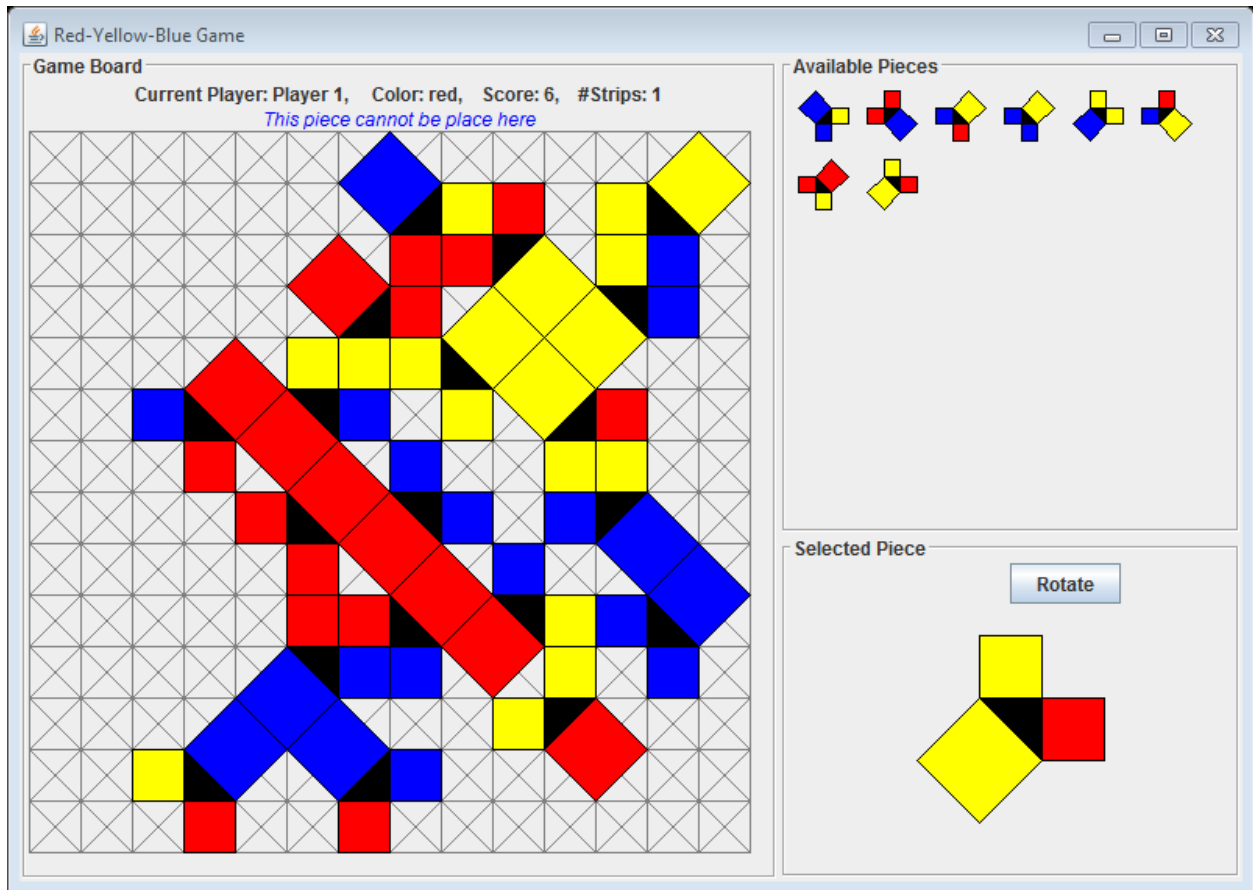
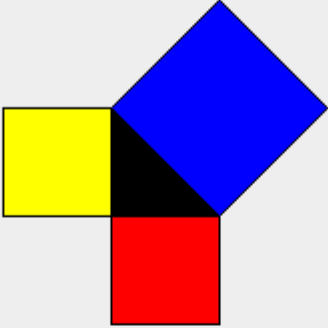


Figure 2 - Game interface

### 3. Help

Help section shows enough information on how to play the game with detail explanation about game rules. Figure 3 shows the help section interface.

Game of Colors - Help



Game Instructions:

In this game, 2 or 3 players can play at the same time. Each player will choose one of following 3 colors as their point enabled color: Red, Yellow, Blue. Players will take turn to place one of 27 available colorful pieces to the game board. Above figure is an example of a colorful piece. It consists of a black isosceles right angled triangle with one square attached to each of its side. Each square color can be yellow, red or blue. Hence there are totally 27 different colorful pieces. Following is game rules:

- Each colorful piece can be used *only once*,
- A piece can be placed to game board only if it is not overlapped with existing pieces on the game board and it is placed adjacent to another piece such that adjacent "square" are in same color
- Player can place only one piece over one turn
- A piece can be rotated before being placed to game board
- Two or more squares with same color sitting next to each other is called a strip.  
For each square in a strip of large squares, the player who registered the strip color as their point enabled color will be rewarded 1 point.
- Winner will be the person who get the highest scores. In case there are players with same highest score, winner will be decided by number of strips of their chosen color. The player whose points were made by the fewest number of strips will be the winner.

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