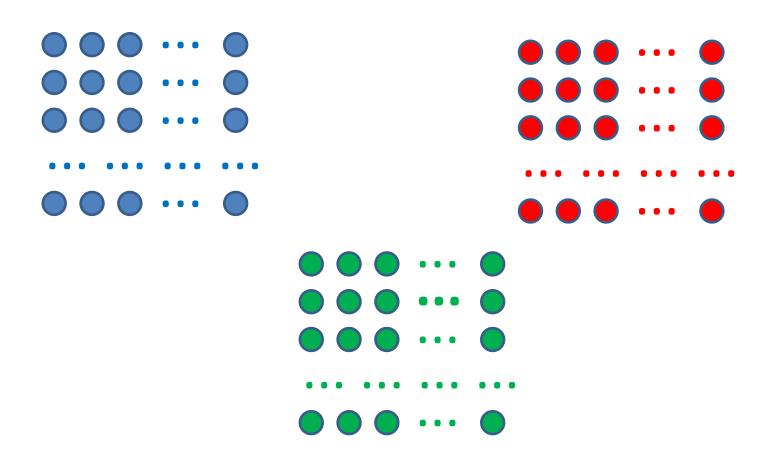
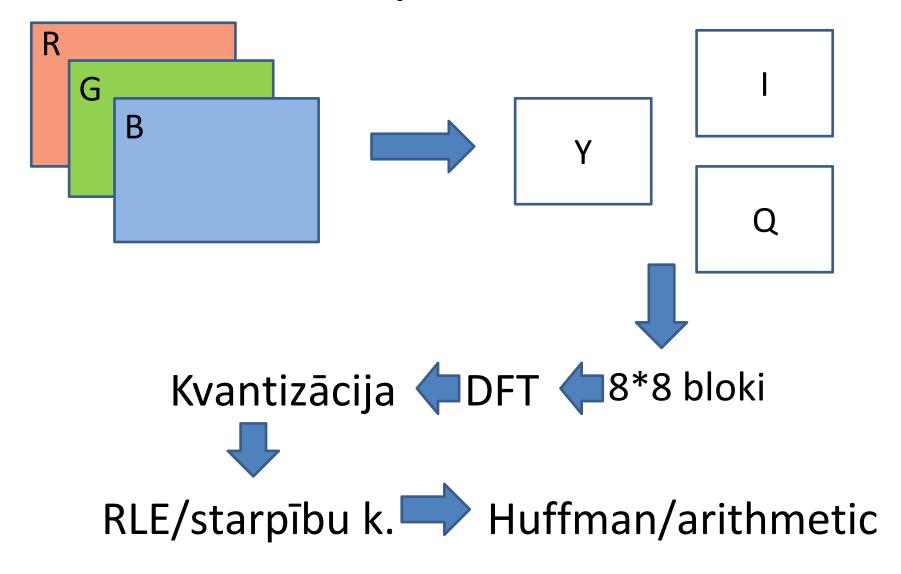
JPEG formāts

Izejas dati



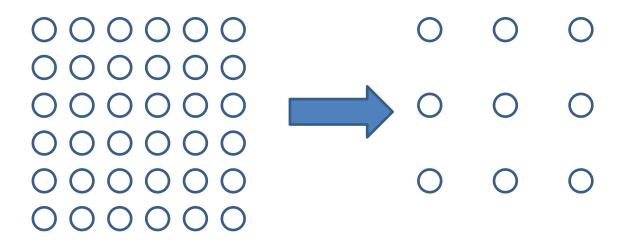
8 biti (0-255) katrai no RED, BLUE, GREEN

JPEG kopsavilkums

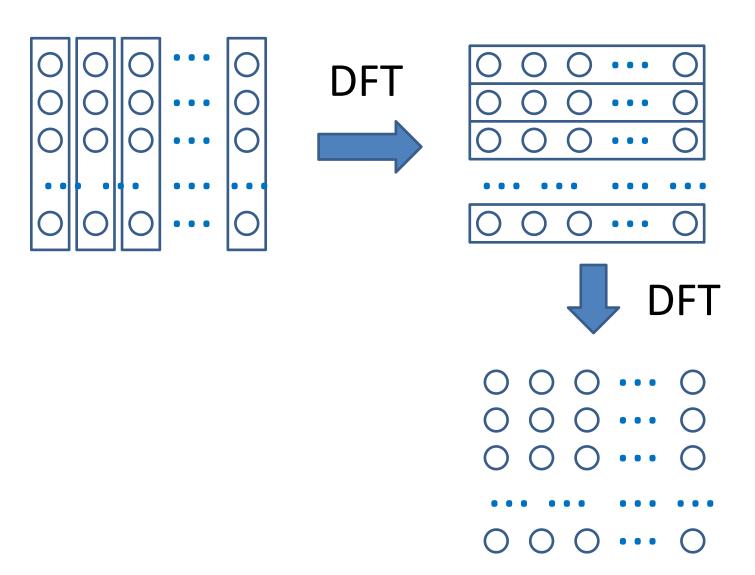


- Y = 0.3 Red + 0.59 Green + 0.11 Blue
- I = 0.6 Red 0.27 Green 0.32 Blue
- Q= 0.21 Red 0.51 Green + 0.3 Blue

Y – gaišums; I, Q - nokrāsa

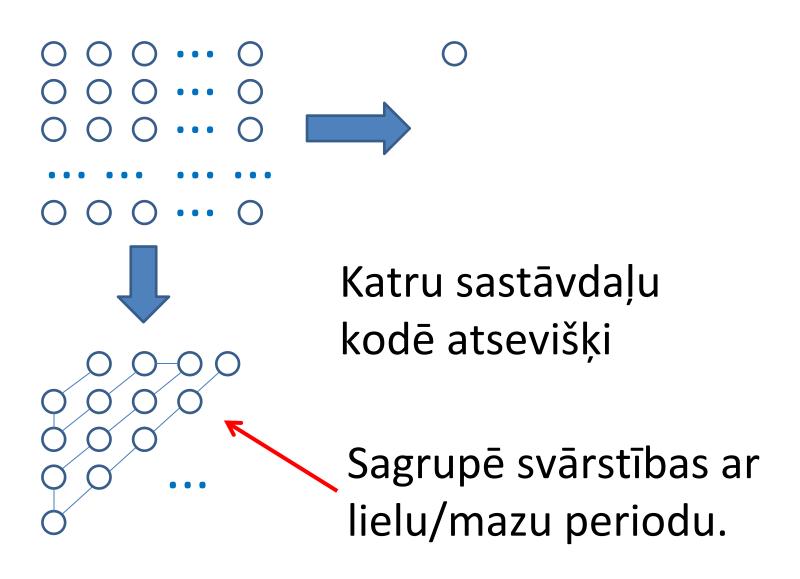


- I, Q plaknes izretina;
- Katru plakni sadala 8*8 blokos.



Kvantizācija, dalot x_{ij} ar a_{ij}:

Q-kvalitātes parametrs



Stūru komponentes:

1. Starpību kodēšana:

x, y, z, t, u, v, ...



x, y-x, z-y, t-z, u-t, v-u, ...

2. Huffman/arithmetic.

Pārējās komponentes:

1. Run length encoding (RLE):



2. Huffman/arithmetic.