VIDEO REGION PARTITION BASED ON COLOR FORMAT

CROSS REFERENCE TO RELATED APPLICATIONS

[001] This application is a national phase of International Patent Application No. PCT/CN2020/107381, filed on August 6, 2020, which claims the priority to and benefits of International Patent Application No. PCT/CN2019/099447, filed on August 6, 2019. All the aforementioned applications are hereby incorporated by reference in their entireties.

TECHNICAL FIELD

[002] This document is related to video and image coding and decoding technologies.

BACKGROUND

[003] Digital video accounts for the largest bandwidth use on the internet and other digital communication networks. As the number of connected user devices capable of receiving and displaying video increases, it is expected that the bandwidth demand for digital video usage will continue to grow.

SUMMARY

[004] The disclosed techniques may be used by video or image decoder or encoder embodiments for in which reference pictures are used in video coding or decoding.

[005] In one example aspect a method of video processing is disclosed. The method includes determining a partitioning scheme for partitioning a chroma video region of a video into one or more chroma blocks based on a color format of the video according to a rule; and performing a conversion between the video and a coded representation of the video according to the partitioning scheme.

[006] In another example aspect, another method of video processing is disclosed. The method includes determining prediction modes or prediction types for subblocks of a coding tree node of a video based on a color format of the video; and performing a conversion between the video and a coded representation of the video based on the determining, wherein the coding tree node is partitioned into the subblocks for coding in the coded representation.

[007] In another example aspect, another method of video processing is disclosed. The method includes performing a conversion between a video comprising one or more video regions comprising one or more luma blocks and one or more chroma blocks and a coded representation