WHAT IS CLAIMED IS:

1. A method of video processing, comprising:

determining, for a conversion between a current video block of a video and a bitstream of the video, that a prediction mode is applied to the current video block, wherein in the prediction mode, reconstructed samples are represented by a set of representative color values comprising escaped samples;

determining, for the current video block, a quantization parameter used to derive the escaped samples; and

performing the conversion at least based on the quantization parameter,

wherein when the current video block is a chroma block, the quantization parameter is derived from a variable obtained by performing a mapping operation on a luma quantization parameter of a luma video block corresponding to the current video block,

wherein the quantization parameter is modified using Max(QpPrimeTsMin, Qp) before being used to derive the escaped samples,

wherein QpPrimeTsMin denotes a minimum allowed quantization parameter for a transform skip mode,

wherein Qp denotes the quantization parameter,

wherein the value of QpPrimeTsMin is equal to (4 + 6 × n), and

wherein n denotes a value of a syntax element included in a sequence parameter set in the bitstream.

2. The method of claim 1, wherein the quantization parameter is derived based on the variable and a clip function.

3. The method of claim 1 or 2, wherein the minimum allowed quantization parameter is indicated in a sequence parameter set in the bitstream.

4. The method of anyone of claims 1-3, wherein the escaped sample is reconstructed based on Clip3(0, (1 << BitDepth) − 1, tmpVal),

wherein tmpVal is determined based on m << (qP / 6) + 32) >> 6,

wherein qP specifies the modified quantization parameter, and

wherein m is determined based on the quantized value of the escaped sample.

5. The method of anyone of claims 1-4, wherein the conversion includes encoding the current video block into the bitstream.

6. The method of anyone of claims 1-4, wherein the conversion includes decoding the current video block from the bitstream.

7. An apparatus for processing video data comprising a processor and a non-transitory memory with instructions thereon, wherein the instructions upon execution by the processor, cause the processor to:

determine, for a conversion between a current video block of a video and a bitstream of the video, that a prediction mode is applied to the current video block, wherein in the prediction mode, reconstructed samples are represented by a set of representative color values comprising escaped samples;

determine, for the current video block, a quantization parameter used to derive the escaped samples; and

perform the conversion at least based on the quantization parameter,

wherein when the current video block is a chroma block, the quantization parameter is derived from a variable obtained by performing a mapping operation on a luma quantization parameter of a luma video block corresponding to the current video block,

wherein the quantization parameter is modified using Max(QpPrimeTsMin, Qp) before being used to derive the escaped samples,

wherein QpPrimeTsMin denotes a minimum allowed quantization parameter for a transform skip mode,

wherein Qp denotes the quantization parameter,

wherein the value of QpPrimeTsMin is equal to (4 + 6 × n), and

wherein n denotes a value of a syntax element included in a sequence parameter set in the bitstream.

8. The apparatus of claim 7, wherein the quantization parameter is derived based on the variable and a clip function.

9. The apparatus of claim 7 or 8, wherein the minimum allowed quantization parameter is indicated in a sequence parameter set in the bitstream.

10. The apparatus of anyone of claims 7-9, wherein the escaped sample is reconstructed based on Clip3(0, (1 << BitDepth) − 1, tmpVal),

wherein tmpVal is determined based on m << (qP / 6) + 32) >> 6,

wherein qP specifies the modified quantization parameter, and

wherein m is determined based on the quantized value of the escaped sample.

11. A non-transitory computer-readable storage medium storing instructions that cause a processor to:

determine, for a conversion between a current video block of a video and a bitstream of the video, that a prediction mode is applied to the current video block, wherein in the prediction mode, reconstructed samples are represented by a set of representative color values comprising escaped samples;

determine, for the current video block, a quantization parameter used to derive the escaped samples; and

perform the conversion at least based on the quantization parameter,

wherein when the current video block is a chroma block, the quantization parameter is derived from a variable obtained by performing a mapping operation on a luma quantization parameter of a luma video block corresponding to the current video block,

wherein the quantization parameter is modified using Max(QpPrimeTsMin, Qp) before being used to derive the escaped samples,

wherein QpPrimeTsMin denotes a minimum allowed quantization parameter for a transform skip mode,

wherein Qp denotes the quantization parameter,

wherein the value of QpPrimeTsMin is equal to (4 + 6 × n), and

wherein n denotes a value of a syntax element included in a sequence parameter set in the bitstream.

12. The non-transitory computer-readable storage medium of claim 11, wherein the quantization parameter is derived based on the variable and a clip function.

13. The non-transitory computer-readable storage medium of claim 11 or 12, wherein the minimum allowed quantization parameter is indicated in a sequence parameter set in the bitstream.

14. A non-transitory computer-readable recording medium storing a bitstream of a video which is generated by a method performed by a video processing apparatus, wherein the method comprises:

determining, for a current video block of a video, that a prediction mode is applied to the current video block, wherein in the prediction mode, reconstructed samples are represented by a set of representative color values comprising escaped samples;

determining, for the current video block, a quantization parameter used to derive the escaped samples; and

generating the bitstream at least based on the quantization parameter,

wherein when the current video block is a chroma block, the quantization parameter is derived from a variable obtained by performing a mapping operation on a luma quantization parameter of a luma video block corresponding to the current video block,

wherein the quantization parameter is modified using Max(QpPrimeTsMin, Qp) before being used to derive the escaped samples,

wherein QpPrimeTsMin denotes a minimum allowed quantization parameter for a transform skip mode,

wherein Qp denotes the quantization parameter,

wherein the value of QpPrimeTsMin is equal to (4 + 6 × n), and

wherein n denotes a value of a syntax element included in a sequence parameter set in the bitstream.