Issue description

I have noticed the preview in VEGAS Pro 17 does not display a source video correctly if it uses the limited color range (0x10-0xEB). It interprets this as it would contain frames in the full color range (0x00-0xFF).

The effect is that black appears as a very dark grey and white as a very light grey.

Steps to reproduce

1. Open the included file „testbild.mp4" in MPC-HC:
2. Press ALT-I to save a still image „testbild.png"
3. Check the color values (i.e. with Irfanview):
   a. Pure white is 0xffffff
   b. Pure black is 0x000000
4. Open VEGAS Pro 17
5. Import testbild.mp4
6. Drag testbild.mp4 to the timeline
7. Press the disk icon to save a still image „testbild2.png"
8. Check the color values (i.e. with Irfanview):
   a. Pure white is 0xebebeb
   b. Pure black is 0x101010

Comments

I was not able to find a setting that shows the preview image as it is supposed to look like. Not in 8-Bit mode nor in 32-Bit mode. Please also take a look at the image comparison below.

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Original

VEGAS Pro 17 - Preview

Notice the white area at the bottom as it does not match the documents white background. The original image does.