

# Colorimetric Report

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|                  |                |
|------------------|----------------|
| Test Device      | Asus_VS229     |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

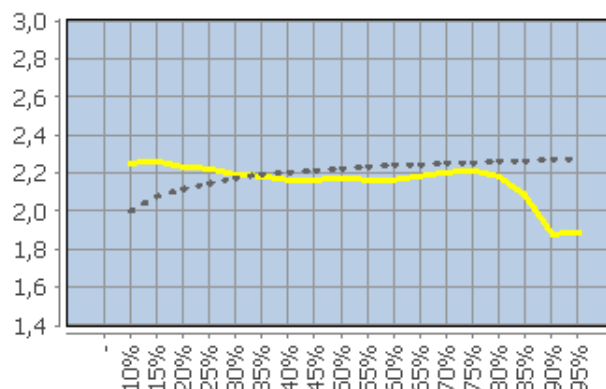
|                                     |                    |
|-------------------------------------|--------------------|
| White Point / CCT Kelvin            | 6367K              |
| White Point XYZ (normalized)        | 93.88 100.0 104.62 |
| DeltaE to D50/ D65                  | 17.05/ 3.35        |
| DeltaE to Blackbody Curve *         | 2.46               |
| Assumed Target Whitepoint           | 6400K              |
| DeltaE to Assumed Target Whitepoint | 2.63               |
| Brightness / cd/m <sup>2</sup> **   | 251.5              |
| Black Point / cd/m <sup>2</sup> **  | 0.196              |
| Contrast / x:1                      | 1283:1             |
| Gradation (Average)                 | 2.15               |

\* Based on CCT \*\* Measured with X-Rite DTP94 or comparable probe

|  | Percent | Kelvin | deltaC | deltaE | Gamma |
|--|---------|--------|--------|--------|-------|
|  | 5       | -      | -      | -      | -     |
|  | 10      | 8175   | 2.09   | 4.19   | 2.25  |
|  | 15      | 7784   | 2.83   | 4.5    | 2.26  |
|  | 20      | 7427   | 2.97   | 3.76   | 2.23  |
|  | 25      | 7393   | 3.41   | 3.62   | 2.22  |
|  | 30      | 7325   | 3.76   | 3.76   | 2.19  |
|  | 35      | 7378   | 4.34   | 4.34   | 2.18  |
|  | 40      | 7360   | 4.77   | 4.84   | 2.16  |
|  | 45      | 7352   | 5.23   | 5.34   | 2.16  |
|  | 50      | 7360   | 5.73   | 5.81   | 2.17  |
|  | 55      | 7337   | 6.05   | 6.12   | 2.16  |
|  | 60      | 7323   | 6.42   | 6.5    | 2.16  |
|  | 65      | 7288   | 6.61   | 6.67   | 2.18  |
|  | 70      | 7246   | 6.72   | 6.76   | 2.2   |
|  | 75      | 7191   | 6.7    | 6.71   | 2.21  |
|  | 80      | 7110   | 6.47   | 6.5    | 2.18  |
|  | 85      | 7002   | 5.93   | 6.03   | 2.08  |
|  | 90      | 6849   | 4.88   | 5.13   | 1.88  |
|  | 95      | 6699   | 3.54   | 3.6    | 1.89  |
|  | 100     | 6367   | -      | -      | -     |
|  | Average | -      | 5.08*  | 5.29*  | 2.15  |
|  | Maximum | -      | 6.72*  | 6.76*  | -     |
|  | Range   | -      | 3.94*  | -      | -     |

\* Only luminance > 1% considered  
Without Black Point Compensation

Corresponding Gamma



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|                  |                |
|------------------|----------------|
| Test Device      | Asus_VS229     |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB        | deltaC | deltaH | deltaL | deltaE94 |
|--|------------|--------|--------|--------|----------|
|  | 255 0 0    | 3.28   | 1.21   | 0.37   | 0.83     |
|  | 0 255 0    | 8.62   | 10.86  | 0.6    | 4.15     |
|  | 0 0 255    | 8.06   | 5.3    | 4.06   | 4.57     |
|  | 0 255 255  | 2.26   | 0.29   | 0.27   | 0.77     |
|  | 255 0 255  | 3.5    | 3.5    | 1.32   | 1.92     |
|  | 255 255 0  | 10.99  | 2.64   | 0.73   | 2.43     |
|  | 170 85 85  | 3.18   | 4.23   | 0.18   | 2.93     |
|  | 85 170 85  | 0.3    | 0.19   | 0.2    | 0.24     |
|  | 85 85 170  | 7.38   | 0.34   | 1.61   | 2.75     |
|  | 85 170 170 | 0.66   | 6.87   | 0.96   | 5.0      |
|  | 170 85 170 | 4.95   | 6.33   | 0.93   | 3.83     |
|  | 170 170 85 | 0.55   | 1.41   | 0.03   | 0.86     |
|  | 229 0 0    | 3.69   | 2.23   | 0.04   | 1.14     |
|  | 204 0 0    | 5.14   | 2.87   | 0.69   | 1.75     |
|  | 178 0 0    | 5.36   | 3.01   | 0.84   | 1.98     |
|  | 153 0 0    | 4.56   | 2.61   | 0.63   | 1.78     |
|  | 127 0 0    | 4.1    | 2.21   | 0.66   | 1.72     |
|  | 102 0 0    | 3.77   | 1.96   | 0.56   | 1.7      |
|  | 76 0 0     | 4.26   | 2.21   | 1.04   | 2.33     |
|  | 0 229 0    | 9.42   | 9.31   | 0.64   | 3.9      |
|  | 0 204 0    | 7.56   | 8.03   | 0.08   | 3.47     |
|  | 0 178 0    | 6.61   | 7.02   | 0.21   | 3.24     |
|  | 0 153 0    | 6.04   | 6.13   | 0.16   | 3.04     |
|  | 0 127 0    | 4.69   | 5.0    | 0.02   | 2.66     |
|  | 0 102 0    | 3.73   | 4.12   | 0.05   | 2.37     |
|  | 0 76 0     | 0.15   | 1.93   | 1.1    | 1.56     |
|  | 0 0 229    | 0.11   | 3.39   | 4.93   | 5.07     |
|  | 0 0 204    | 1.14   | 2.6    | 4.43   | 4.54     |
|  | 0 0 178    | 1.68   | 2.13   | 4.08   | 4.17     |
|  | 0 0 153    | 2.21   | 1.86   | 3.88   | 3.98     |
|  | 0 0 127    | 1.57   | 1.69   | 3.42   | 3.52     |
|  | 0 0 102    | 0.42   | 1.72   | 3.16   | 3.28     |
|  | 0 0 76     | 0.19   | 0.44   | 1.74   | 1.76     |
|  | 0 229 229  | 2.35   | 5.37   | 1.71   | 3.68     |
|  | 0 204 204  | 2.58   | 6.82   | 0.99   | 4.38     |
|  | 0 178 178  | 2.43   | 6.98   | 0.88   | 4.61     |
|  | 0 153 153  | 1.98   | 6.56   | 1.22   | 4.57     |
|  | 0 127 127  | 1.73   | 5.76   | 1.02   | 4.17     |
|  | 0 102 102  | 1.69   | 4.83   | 0.94   | 3.7      |
|  | 0 76 76    | 1.81   | 3.8    | 0.32   | 3.06     |
|  | 229 0 229  | 2.64   | 6.72   | 2.02   | 3.32     |
|  | 204 0 204  | 3.54   | 7.45   | 1.3    | 3.36     |
|  | 178 0 178  | 3.82   | 7.35   | 1.11   | 3.44     |
|  | 153 0 153  | 4.13   | 6.91   | 1.25   | 3.52     |
|  | 127 0 127  | 3.63   | 6.21   | 0.98   | 3.33     |
|  | 102 0 102  | 2.98   | 5.4    | 0.77   | 3.08     |
|  | 76 0 76    | 0.54   | 4.44   | 0.06   | 2.58     |

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|                  |                |
|------------------|----------------|
| Test Device      | Asus_VS229     |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 229 229 0   | 10.51  | 1.03   | 0.44   | 2.18     |
|  | 204 204 0   | 8.57   | 0.29   | 0.38   | 1.87     |
|  | 178 178 0   | 7.39   | 0.12   | 0.45   | 1.76     |
|  | 153 153 0   | 6.7    | 0.34   | 0.0    | 1.69     |
|  | 127 127 0   | 5.38   | 0.52   | 0.08   | 1.52     |
|  | 102 102 0   | 4.05   | 0.58   | 0.11   | 1.3      |
|  | 76 76 0     | 0.91   | 0.68   | 1.18   | 1.3      |
|  | 255 25 25   | 1.01   | 0.12   | 0.78   | 0.8      |
|  | 255 51 51   | 1.67   | 1.31   | 0.77   | 1.01     |
|  | 255 76 76   | 3.35   | 3.29   | 0.31   | 1.72     |
|  | 255 102 102 | 4.45   | 4.84   | 0.32   | 2.7      |
|  | 255 127 127 | 3.99   | 5.7    | 0.51   | 3.4      |
|  | 255 153 153 | 3.23   | 6.54   | 0.69   | 4.24     |
|  | 255 178 178 | 1.74   | 6.78   | 0.45   | 4.74     |
|  | 255 204 204 | 0.63   | 6.59   | 0.55   | 5.15     |
|  | 255 229 229 | 0.36   | 5.33   | 1.11   | 4.81     |
|  | 25 255 25   | 8.94   | 10.61  | 0.68   | 4.16     |
|  | 51 255 51   | 6.81   | 8.77   | 0.68   | 3.54     |
|  | 76 255 76   | 2.72   | 5.91   | 0.61   | 2.45     |
|  | 102 255 102 | 1.42   | 3.08   | 0.46   | 1.41     |
|  | 127 255 127 | 3.67   | 1.01   | 0.38   | 1.01     |
|  | 153 255 153 | 5.49   | 0.86   | 0.26   | 1.51     |
|  | 178 255 178 | 5.53   | 2.1    | 0.25   | 2.14     |
|  | 204 255 204 | 5.79   | 3.08   | 0.14   | 3.16     |
|  | 229 255 229 | 6.0    | 3.43   | 0.2    | 4.44     |
|  | 25 25 255   | 5.12   | 4.33   | 3.02   | 3.45     |
|  | 51 51 255   | 3.38   | 3.72   | 2.41   | 2.81     |
|  | 76 76 255   | 3.34   | 3.58   | 2.48   | 2.91     |
|  | 102 102 255 | 3.51   | 3.51   | 2.62   | 3.11     |
|  | 127 127 255 | 2.59   | 3.16   | 2.2    | 2.74     |
|  | 153 153 255 | 1.89   | 2.89   | 1.79   | 2.44     |
|  | 178 178 255 | 0.72   | 2.53   | 1.06   | 1.9      |
|  | 204 204 255 | 0.52   | 2.2    | 0.8    | 1.77     |
|  | 229 229 255 | 1.58   | 1.61   | 1.26   | 2.09     |
|  | 25 255 255  | 2.07   | 0.45   | 0.21   | 0.72     |
|  | 51 255 255  | 1.89   | 0.44   | 0.17   | 0.67     |
|  | 76 255 255  | 1.97   | 0.44   | 0.19   | 0.72     |
|  | 102 255 255 | 2.05   | 0.44   | 0.23   | 0.8      |
|  | 127 255 255 | 1.72   | 0.42   | 0.19   | 0.72     |
|  | 153 255 255 | 1.32   | 0.4    | 0.14   | 0.63     |
|  | 178 255 255 | 0.56   | 0.36   | 0.05   | 0.38     |
|  | 204 255 255 | 0.2    | 0.34   | 0.01   | 0.29     |
|  | 229 255 255 | 0.74   | 0.34   | 0.12   | 0.62     |

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|                  |                |
|------------------|----------------|
| Test Device      | Asus_VS229     |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

|  | RGB         | deltaC | deltaH | deltaL | deltaE94 |
|--|-------------|--------|--------|--------|----------|
|  | 255 25 255  | 2.45   | 3.57   | 1.01   | 1.71     |
|  | 255 51 255  | 2.34   | 3.45   | 0.99   | 1.69     |
|  | 255 76 255  | 3.13   | 3.35   | 1.24   | 1.91     |
|  | 255 102 255 | 3.98   | 3.2    | 1.51   | 2.18     |
|  | 255 127 255 | 3.76   | 2.91   | 1.47   | 2.15     |
|  | 255 153 255 | 3.37   | 2.56   | 1.34   | 2.07     |
|  | 255 178 255 | 2.12   | 2.12   | 0.9    | 1.66     |
|  | 255 204 255 | 1.68   | 1.61   | 0.72   | 1.47     |
|  | 255 229 255 | 2.6    | 1.03   | 1.03   | 2.0      |
|  | 255 255 25  | 11.17  | 2.63   | 0.78   | 2.51     |
|  | 255 255 51  | 8.65   | 2.26   | 0.76   | 2.11     |
|  | 255 255 76  | 4.33   | 1.68   | 0.71   | 1.38     |
|  | 255 255 102 | 0.2    | 1.17   | 0.6    | 0.82     |
|  | 255 255 127 | 2.88   | 0.91   | 0.5    | 1.02     |
|  | 255 255 153 | 5.08   | 0.75   | 0.39   | 1.65     |
|  | 255 255 178 | 5.74   | 0.71   | 0.3    | 2.16     |
|  | 255 255 204 | 6.4    | 0.69   | 0.16   | 3.01     |
|  | 255 255 229 | 6.67   | 0.62   | 0.03   | 4.23     |
|  | 213 255 0   | 10.6   | 4.67   | 0.76   | 2.81     |
|  | 159 191 0   | 8.28   | 2.38   | 0.44   | 2.16     |
|  | 106 128 0   | 5.66   | 1.1    | 0.13   | 1.66     |
|  | 0 255 85    | 0.94   | 5.65   | 0.51   | 2.27     |
|  | 0 191 64    | 2.81   | 4.79   | 0.14   | 2.21     |
|  | 0 128 42    | 4.14   | 4.84   | 0.08   | 2.75     |
|  | 0 128 255   | 1.77   | 2.21   | 2.39   | 2.64     |
|  | 0 96 191    | 6.29   | 2.93   | 2.27   | 3.27     |
|  | 0 64 128    | 8.33   | 4.85   | 0.61   | 4.18     |
|  | 170 0 255   | 4.27   | 4.61   | 1.97   | 2.65     |
|  | 127 0 191   | 3.86   | 4.83   | 2.32   | 3.12     |
|  | 85 0 128    | 3.86   | 4.36   | 1.63   | 2.8      |
|  | 255 0 42    | 2.34   | 0.1    | 0.42   | 0.61     |
|  | 191 0 32    | 2.78   | 0.2    | 0.98   | 1.17     |
|  | 128 0 21    | 1.91   | 1.24   | 0.79   | 1.17     |
|  | 170 85 0    | 0.9    | 1.49   | 0.76   | 1.11     |
|  | 0 170 85    | 1.06   | 1.35   | 0.22   | 0.76     |
|  | 85 0 170    | 4.0    | 3.83   | 2.62   | 3.17     |
|  | 0 85 170    | 7.37   | 3.67   | 1.81   | 3.49     |
|  | 170 0 85    | 1.68   | 6.58   | 0.35   | 3.44     |
|  | 85 170 0    | 7.53   | 4.57   | 0.24   | 2.65     |
|  | 123 127 127 | 4.66   | 3.38   | 0.86   | 5.53     |
|  | 127 123 127 | 5.06   | 2.7    | 0.91   | 5.27     |
|  | 127 127 123 | 1.19   | 5.57   | 0.81   | 5.55     |
|  | Average     | 3.71   | 3.27   | 0.96   | 2.54     |
|  | Maximum     | 11.17  | 10.86  | 4.93   | 5.55     |

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|                  |                |
|------------------|----------------|
| Test Device      | Asus_VS229     |
| Target           | sRGB           |
| Display Profile  | not considered |
| Rendering Intent | -              |

| Property             | Device adjustments                    |
|----------------------|---------------------------------------|
| Backlight brightness |                                       |
| Brightness           | 100                                   |
| Contrast             | 80                                    |
| RGB Gain             | 100 100 100                           |
| Gradation            |                                       |
| Other                | Werkseinstellung Standard User RGB100 |