



**UM6578**

Date : November 22, 1996

***R.G.B. suggest value for graphic design tool***

1. 由於 UM6578 內部的顏色輸出方式, 並不是以 R.G.B. RAMDAC 的方式輸出, 為使美術人員在電腦的繪圖工具上調整色盤時, 能儘可能調出與 UM6578 類似的顏色, 因此將 UM6578 內的各顏色, 與繪圖工具內調整色盤時的 R.G.B. 對應關係, 整理如下表, 並供美術人員參考.

| UM6578<br>顏色值       |                     | 繪圖工具<br>的 R.G.B.<br>值 |        |        | UM6578<br>顏色值       |                     | 繪圖工具<br>的 R.G.B.<br>值 |        |        | UM6578<br>顏色值       |                     | 繪圖工具<br>的 R.G.B.<br>值 |        |        | UM6578<br>顏色值       |                     | 繪圖工具<br>的 R.G.B.<br>值 |        |        |
|---------------------|---------------------|-----------------------|--------|--------|---------------------|---------------------|-----------------------|--------|--------|---------------------|---------------------|-----------------------|--------|--------|---------------------|---------------------|-----------------------|--------|--------|
| 亮度<br>Lumi<br>nance | 色碼<br>Color<br>Code | R<br>%                | G<br>% | B<br>% | 亮度<br>Lumi<br>nance | 色碼<br>Color<br>Code | R<br>%                | G<br>% | B<br>% | 亮度<br>Lumi<br>nance | 色碼<br>Color<br>Code | R<br>%                | G<br>% | B<br>% | 亮度<br>Lumi<br>nance | 色碼<br>Color<br>Code | R<br>%                | G<br>% | B<br>% |
| 0                   | 0                   | 60                    | 60     | 60     | 1                   | 0                   | 70                    | 70     | 70     | 2                   | 0                   | 80                    | 80     | 80     | 3                   | 0                   | 90                    | 90     | 90     |
| 0                   | 1                   | 0                     | 10     | 20     | 1                   | 1                   | 0                     | 20     | 40     | 2                   | 1                   | 0                     | 30     | 60     | 3                   | 1                   | 0                     | 40     | 90     |
| 0                   | 2                   | 0                     | 0      | 20     | 1                   | 2                   | 0                     | 0      | 40     | 2                   | 2                   | 0                     | 0      | 60     | 3                   | 2                   | 0                     | 0      | 90     |
| 0                   | 3                   | 10                    | 0      | 20     | 1                   | 3                   | 20                    | 0      | 40     | 2                   | 3                   | 30                    | 0      | 60     | 3                   | 3                   | 40                    | 0      | 90     |
| 0                   | 4                   | 20                    | 0      | 20     | 1                   | 4                   | 40                    | 0      | 40     | 2                   | 4                   | 60                    | 0      | 60     | 3                   | 4                   | 90                    | 0      | 90     |
| 0                   | 5                   | 20                    | 0      | 10     | 1                   | 5                   | 40                    | 0      | 20     | 2                   | 5                   | 60                    | 0      | 30     | 3                   | 5                   | 90                    | 0      | 40     |
| 0                   | 6                   | 20                    | 0      | 0      | 1                   | 6                   | 40                    | 0      | 0      | 2                   | 6                   | 60                    | 0      | 0      | 3                   | 6                   | 90                    | 0      | 0      |
| 0                   | 7                   | 20                    | 10     | 0      | 1                   | 7                   | 40                    | 20     | 0      | 2                   | 7                   | 60                    | 30     | 0      | 3                   | 7                   | 90                    | 40     | 0      |
| 0                   | 8                   | 20                    | 20     | 0      | 1                   | 8                   | 40                    | 40     | 0      | 2                   | 8                   | 60                    | 60     | 0      | 3                   | 8                   | 90                    | 90     | 0      |
| 0                   | 9                   | 10                    | 20     | 0      | 1                   | 9                   | 20                    | 40     | 0      | 2                   | 9                   | 30                    | 60     | 0      | 3                   | 9                   | 40                    | 90     | 0      |
| 0                   | A                   | 0                     | 20     | 0      | 1                   | A                   | 0                     | 40     | 0      | 2                   | A                   | 0                     | 60     | 0      | 3                   | A                   | 0                     | 90     | 0      |
| 0                   | B                   | 0                     | 20     | 10     | 1                   | B                   | 0                     | 40     | 20     | 2                   | B                   | 0                     | 60     | 30     | 3                   | B                   | 0                     | 90     | 40     |
| 0                   | C                   | 0                     | 20     | 20     | 1                   | C                   | 0                     | 40     | 40     | 2                   | C                   | 0                     | 60     | 60     | 3                   | C                   | 0                     | 90     | 90     |
| 0                   | D                   | 10                    | 10     | 10     | 1                   | D                   | 20                    | 20     | 20     | 2                   | D                   | 30                    | 30     | 30     | 3                   | D                   | 40                    | 40     | 40     |
| 0                   | E                   | 0                     | 0      | 0      | 1                   | E                   | 0                     | 0      | 0      | 2                   | E                   | 0                     | 0      | 0      | 3                   | E                   | 0                     | 0      | 0      |
| 0                   | F                   | 0                     | 0      | 0      | 1                   | F                   | 0                     | 0      | 0      | 2                   | F                   | 0                     | 0      | 0      | 3                   | F                   | 0                     | 0      | 0      |