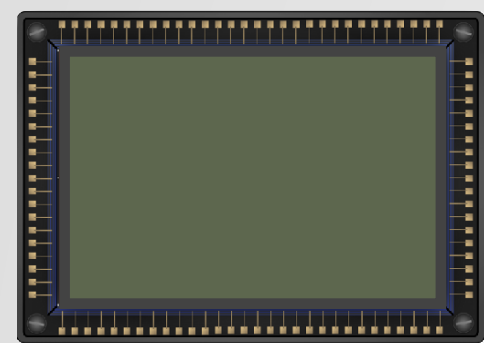


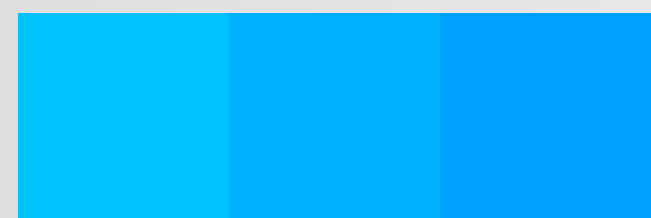
Typy plików

JPEG

(Joint Photographers Expert Group)



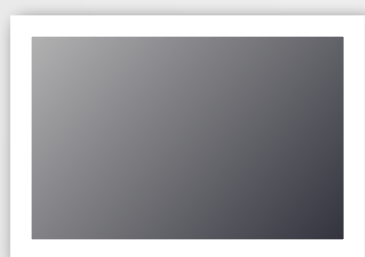
Kompresja



1. Negatyw cyfrowy
2. Przetwarzanie/obróbka

- Przestrzeń kolorów
- Balans bieli
- Wyostżanie
- kontrastu
- nasycenie

3. Kompresja



0001.jpg

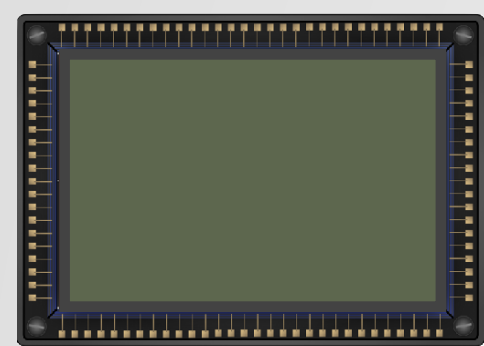
Kompresja



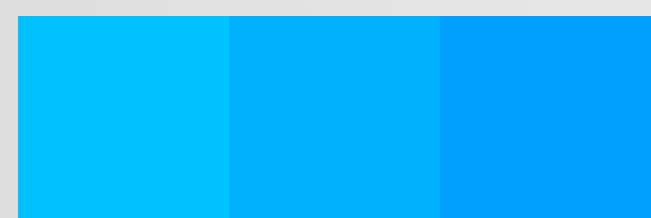
Typy plików

JPEG

(Joint Photographers Expert Group)



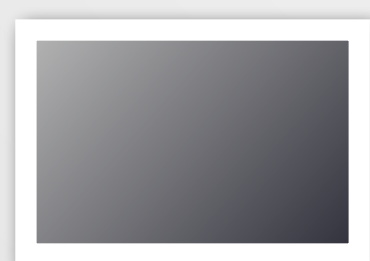
Kompresja



1. Negatyw cyfrowy
2. Przetwarzanie/obróbka

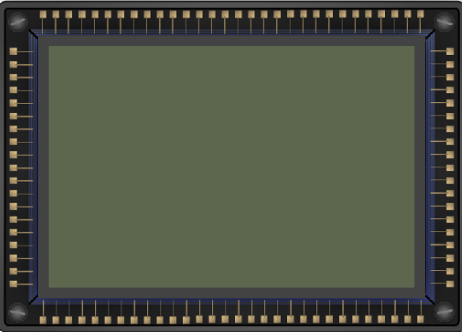
- Przestrzeń kolorów
- Balans bieli
- Wyostżanie
- kontrastu
- nasycenie

3. Kompresja

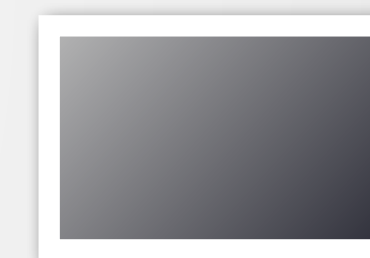


0001.jpg

RAW

1. Negatyw cyfrowy 
2. RAW converter
3. Balans bieli (można zmienić)

Canon
0001.CR2



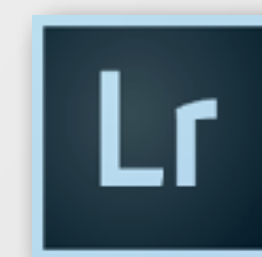
0001.RAW

Nikon
0001.NEF

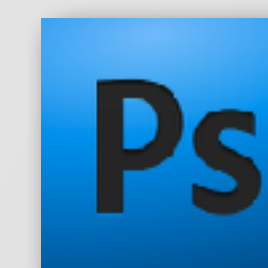
RAW Software



Software



Lightroom



Photoshop

JPEG

(Joint Photographers Expert Group)

PRZETWORZONE I SKOMPRESOWANE DANE

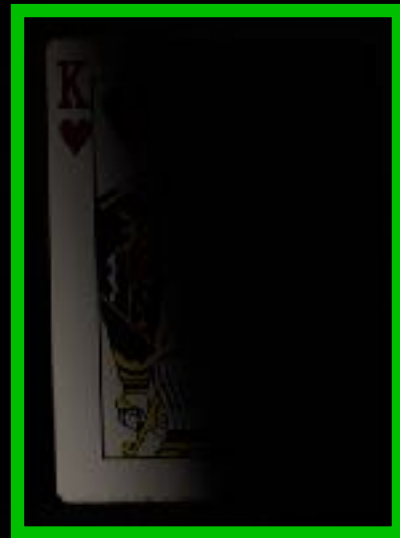
- Mały rozmiar pliku (1/3 rozmiaru pliku RAW)
- Zmienne ustawienia kompresji
- Odczytywane przez wszystkie komputery
- Utrata danych
- Ograniczona korekta później

RAW

ORYGINALNE DANE

- Zawiera wszystkie dane obrazu
- Pełny zakres tonalny
- Możliwość dostosowania /obróbki
- Duży rozmiar pliku
- Nie można odczytać za pomocą niektórych programów

Niedoświetlenia



+5EV

Prześwietlenia



-3EV

-5 4 3 2 1 0 1 2 3 4 5+

-5 4 3 2 1 0 1 2 3 4 5+

-5 4 3 2 1 0 1 2 3 4 5+

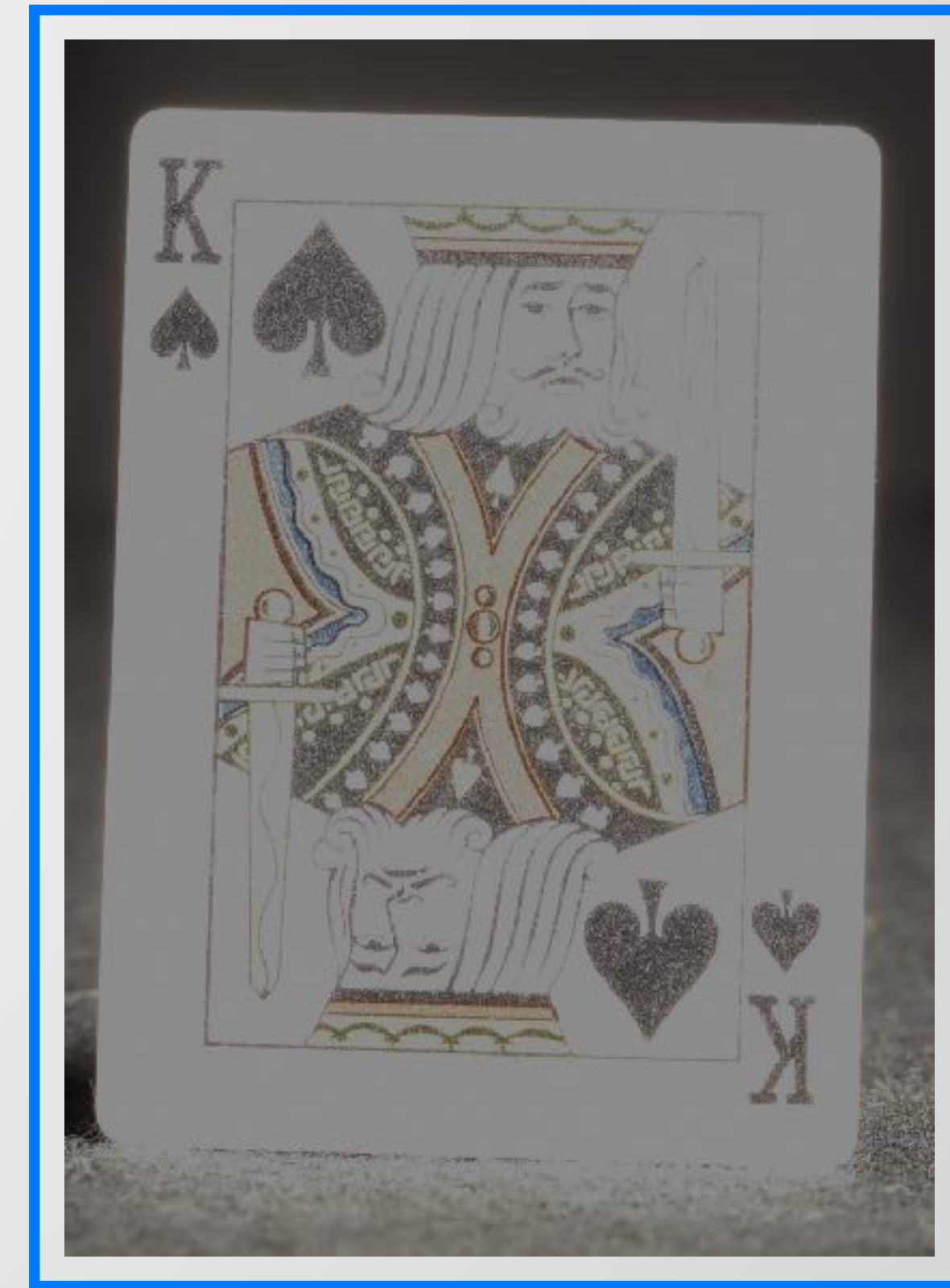
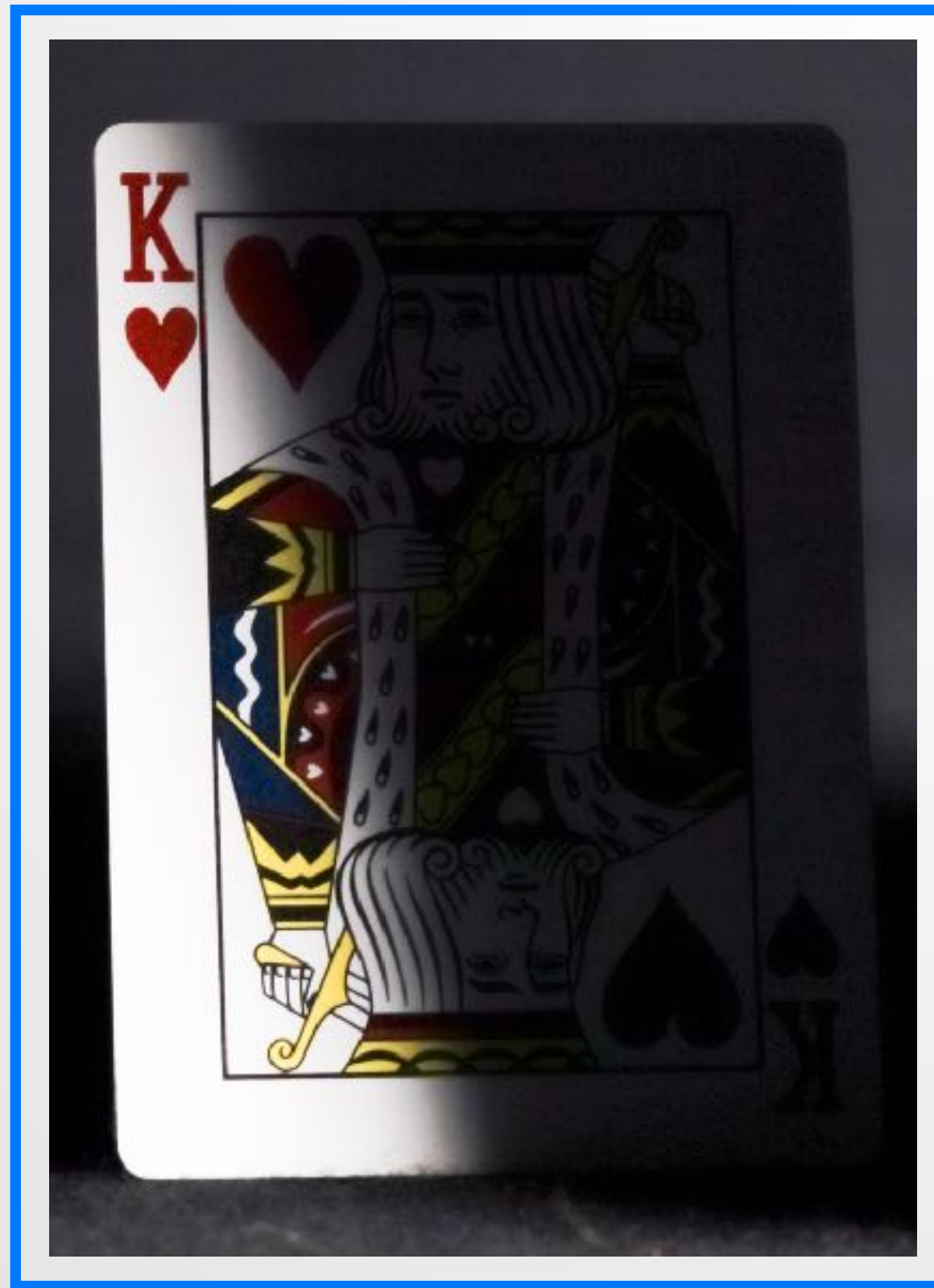
-5 4 3 2 1 0 1 2 3 4 5+

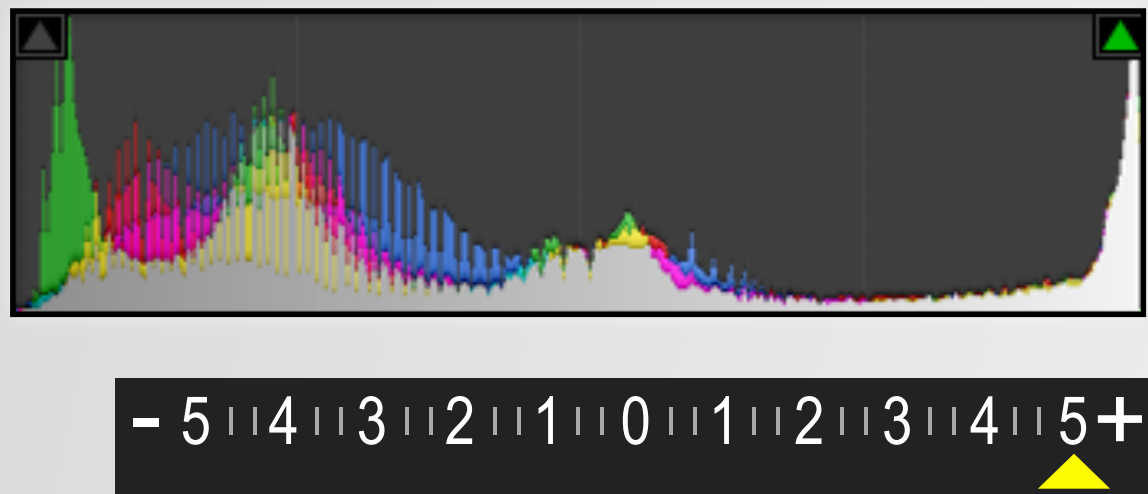
RAW

JPEG

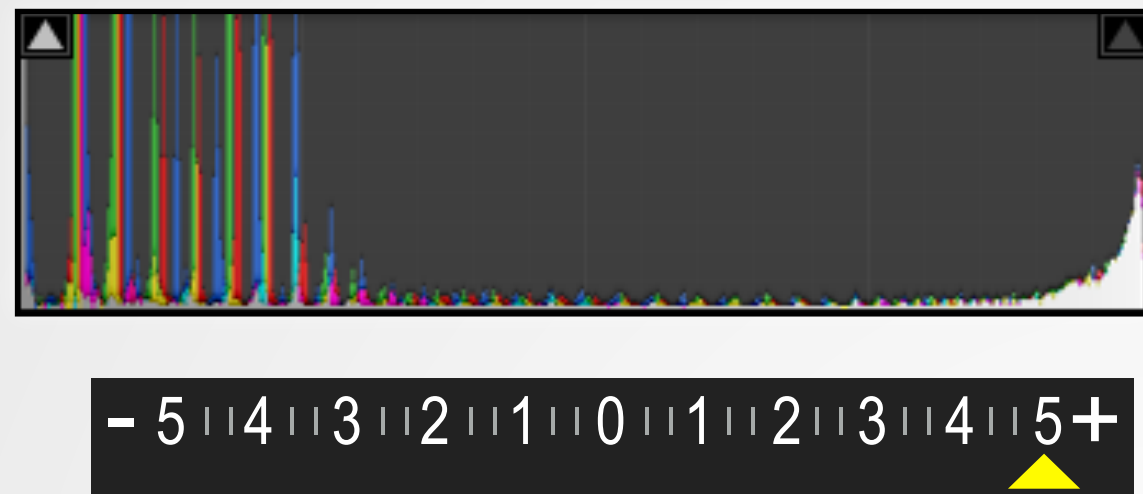
RAW

JPEG

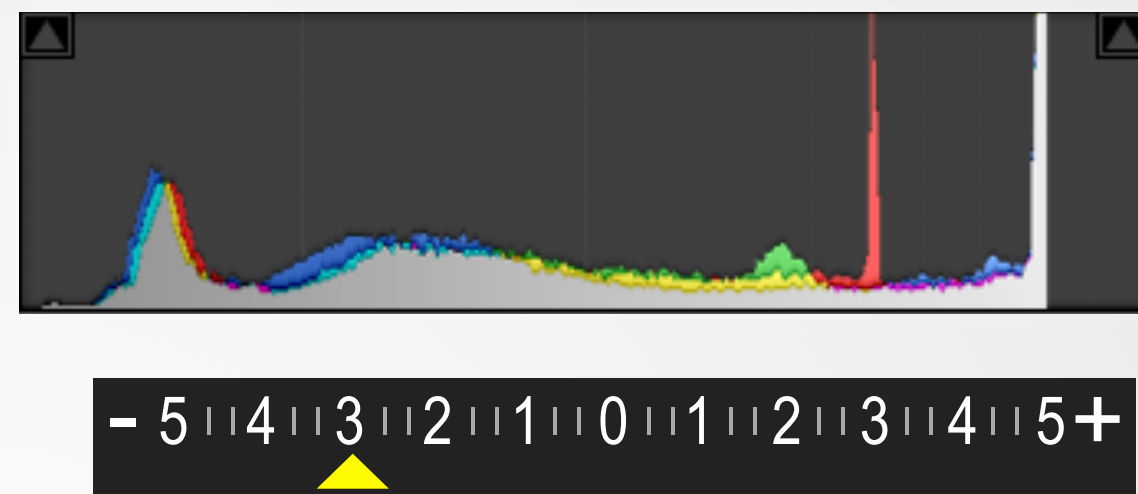




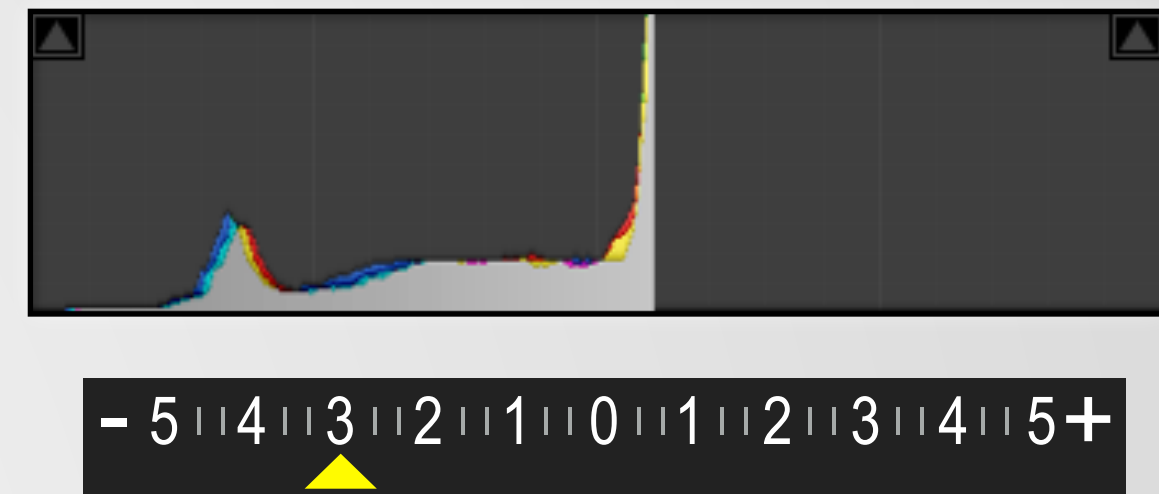
RAW



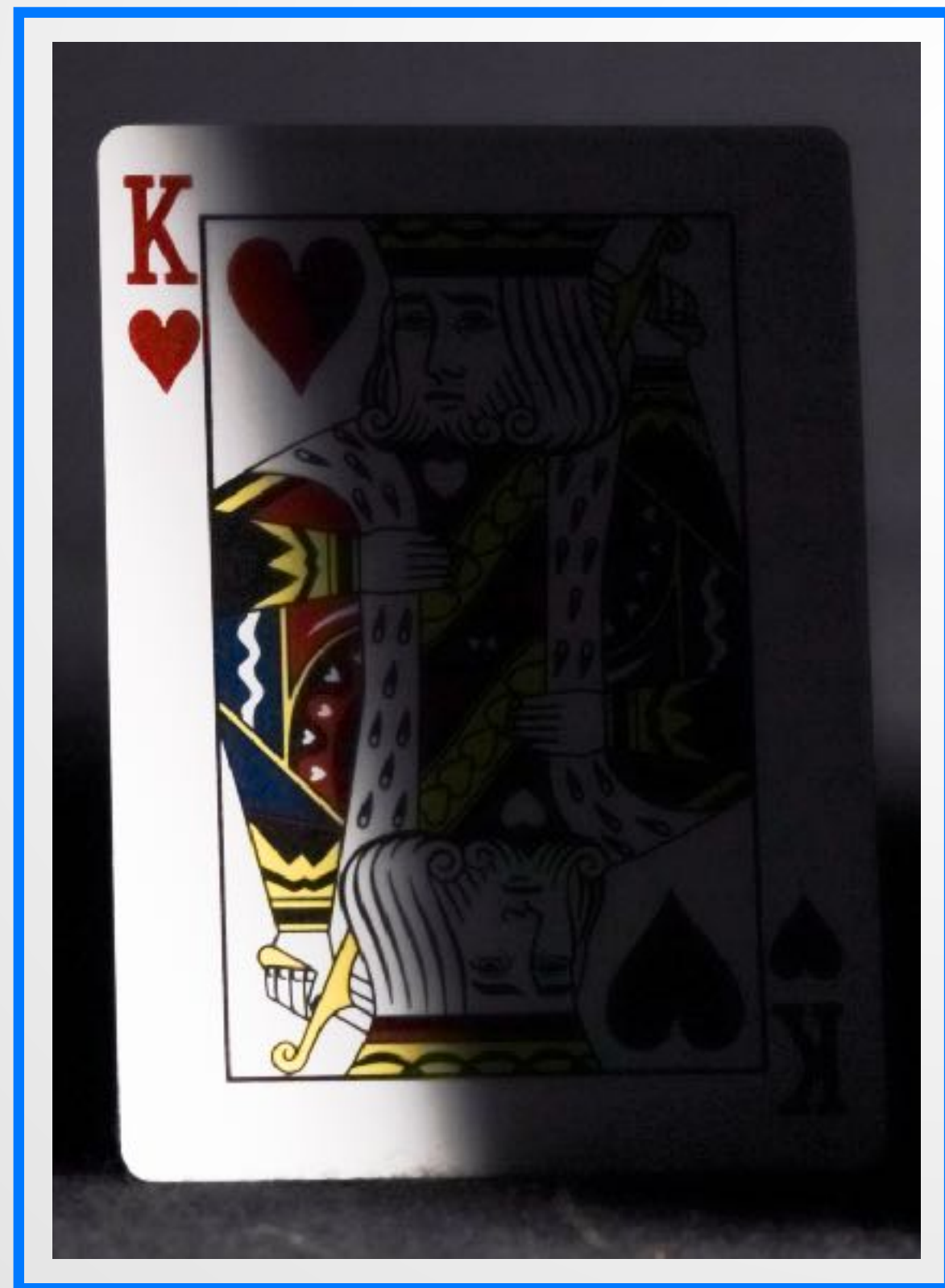
JPEG



RAW



JPEG



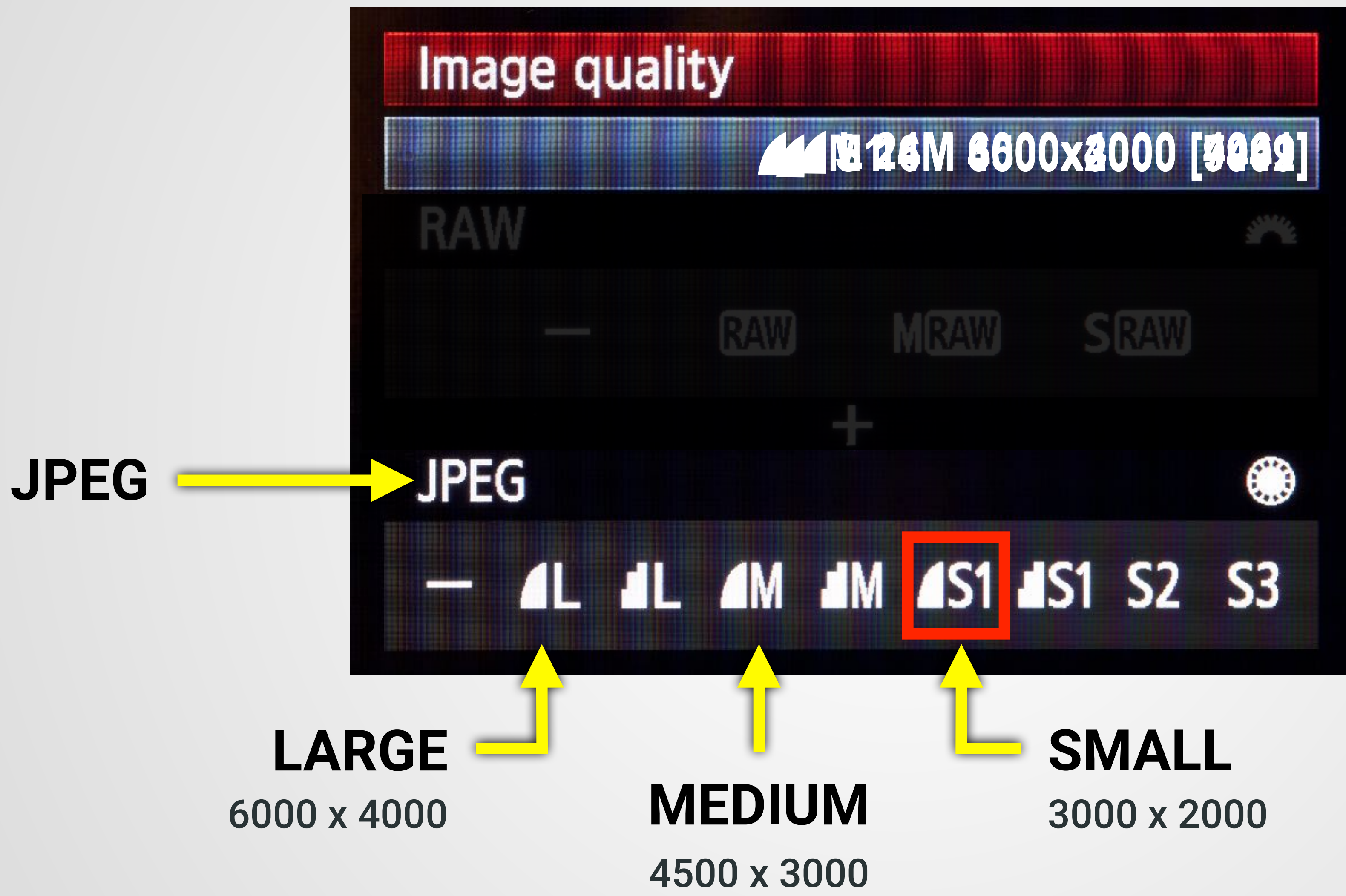


Image quality

126M 8600x4000 [0000]

RAW

RAW

MRAW

SRAW

JPEG

JPEG

—

L

L

M

M

S1

S1

S2

S3

LARGE

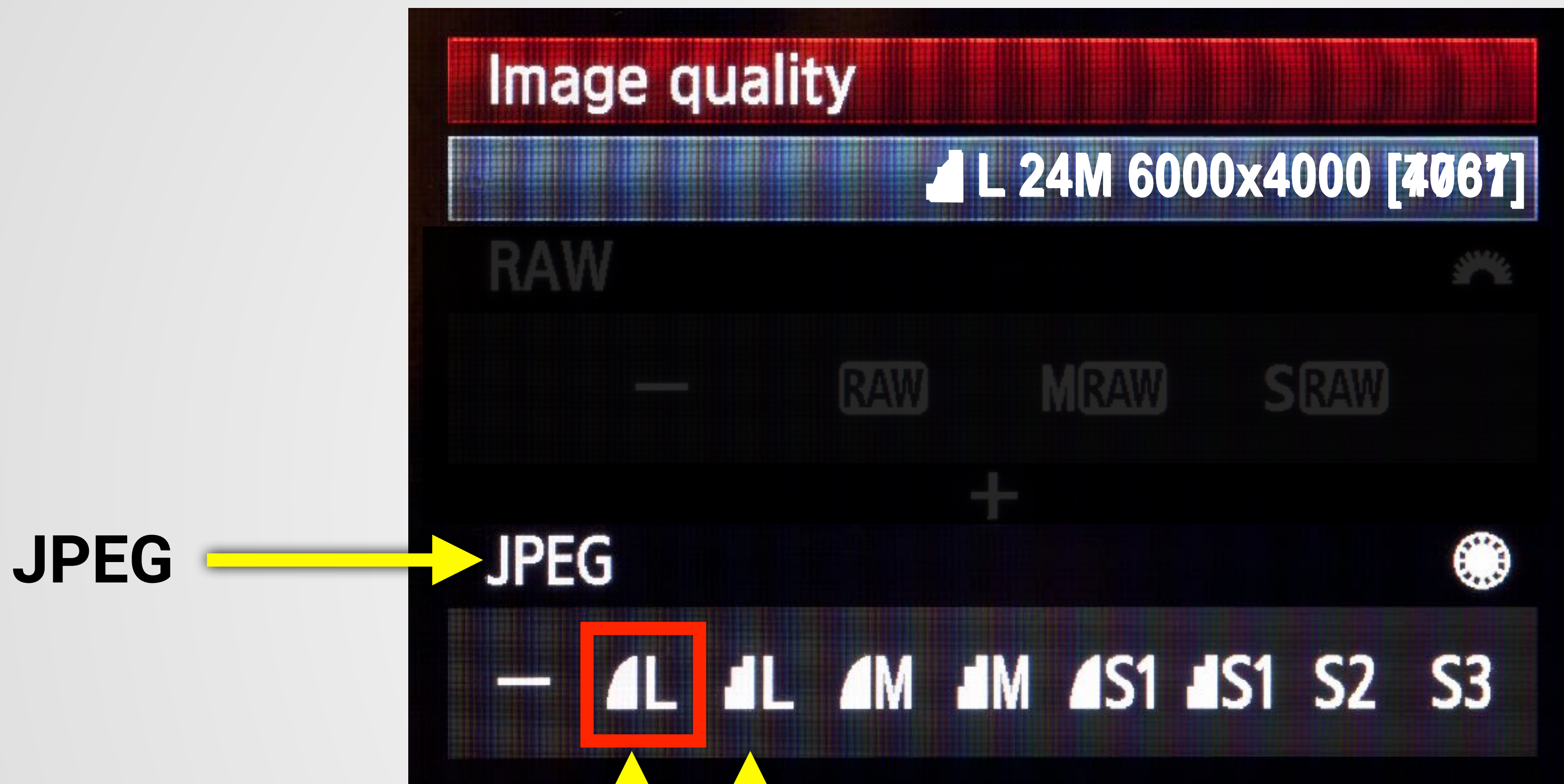
6000 x 4000

MEDIUM


4500 x 3000

SMALL

3000 x 2000

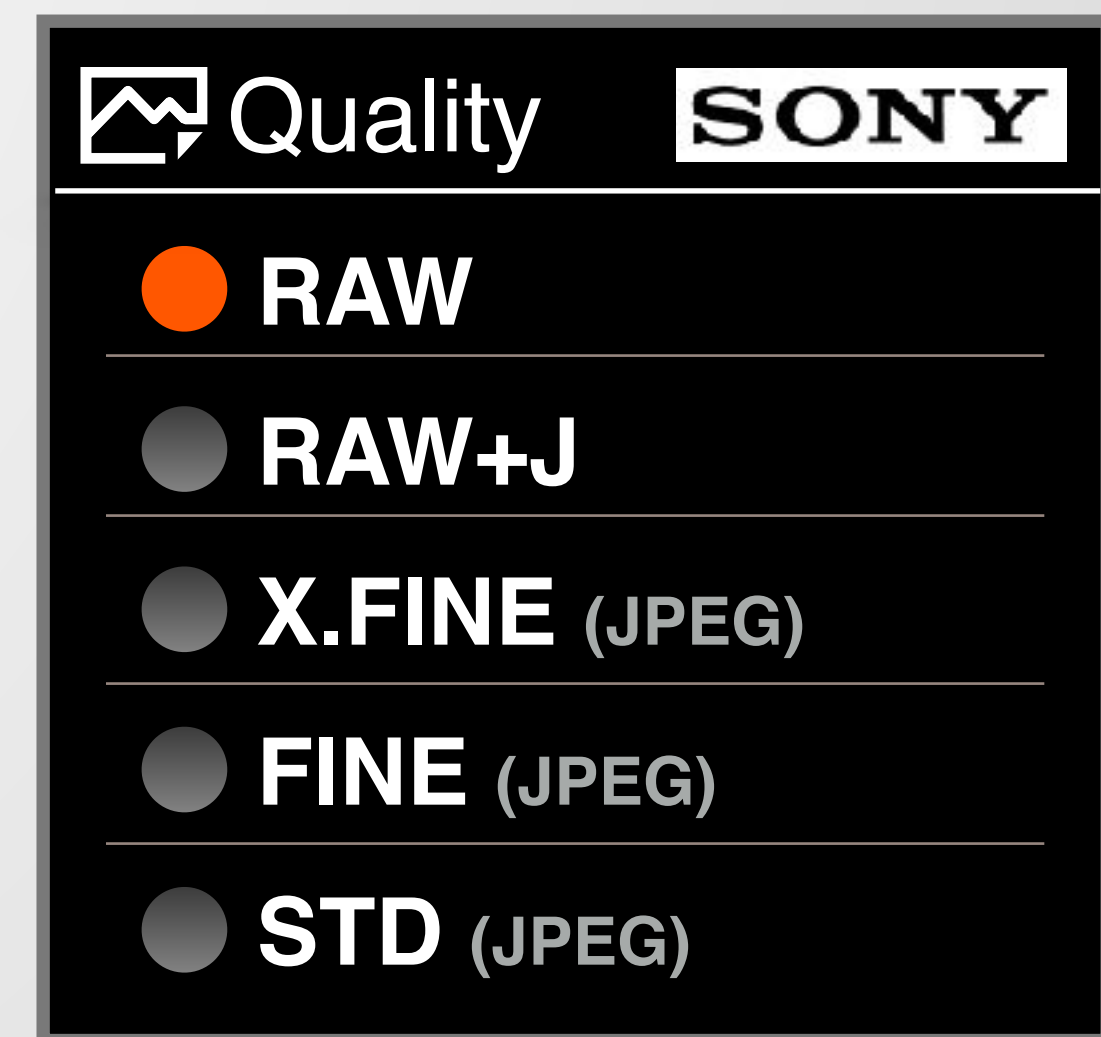
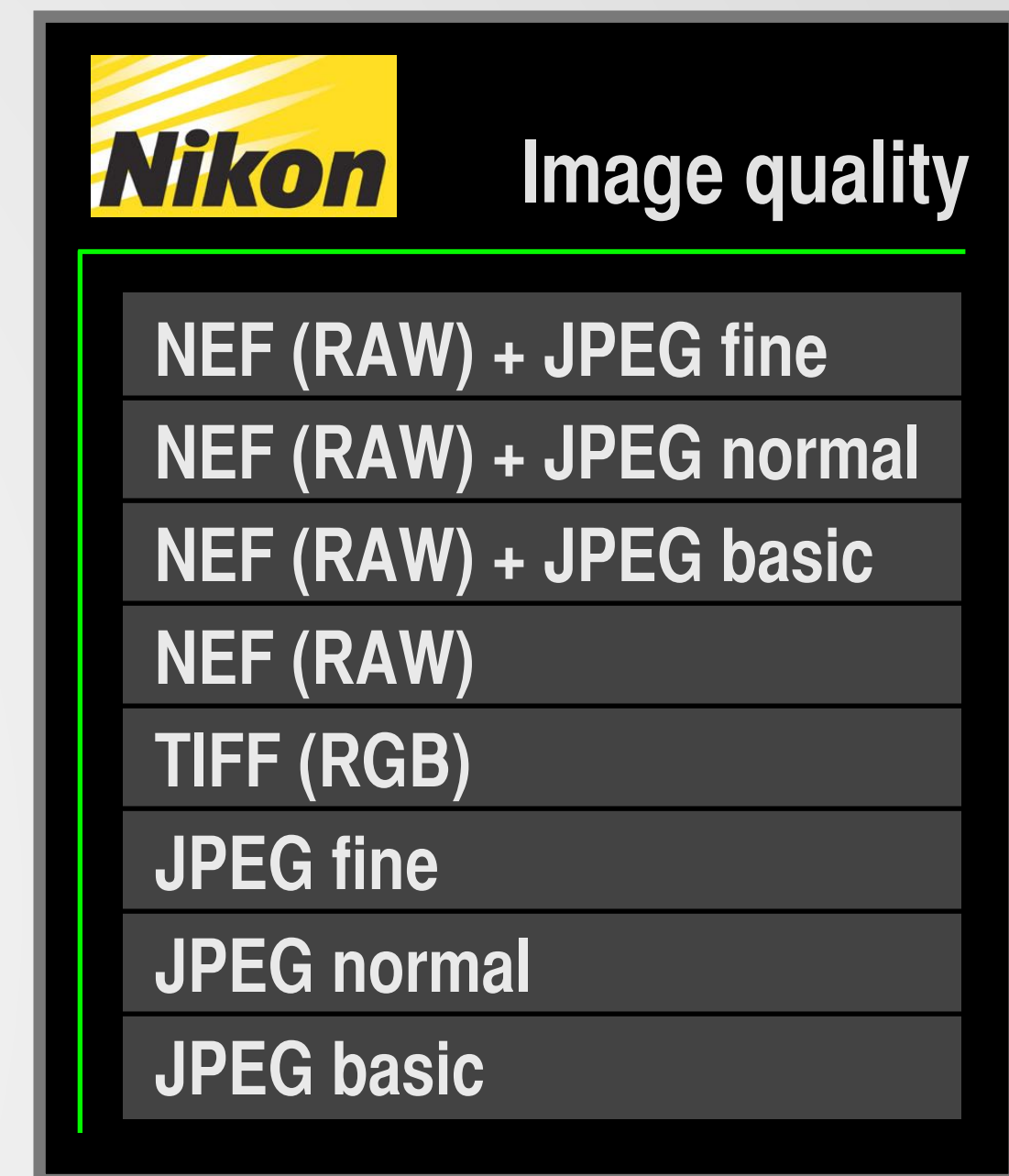


JPEG

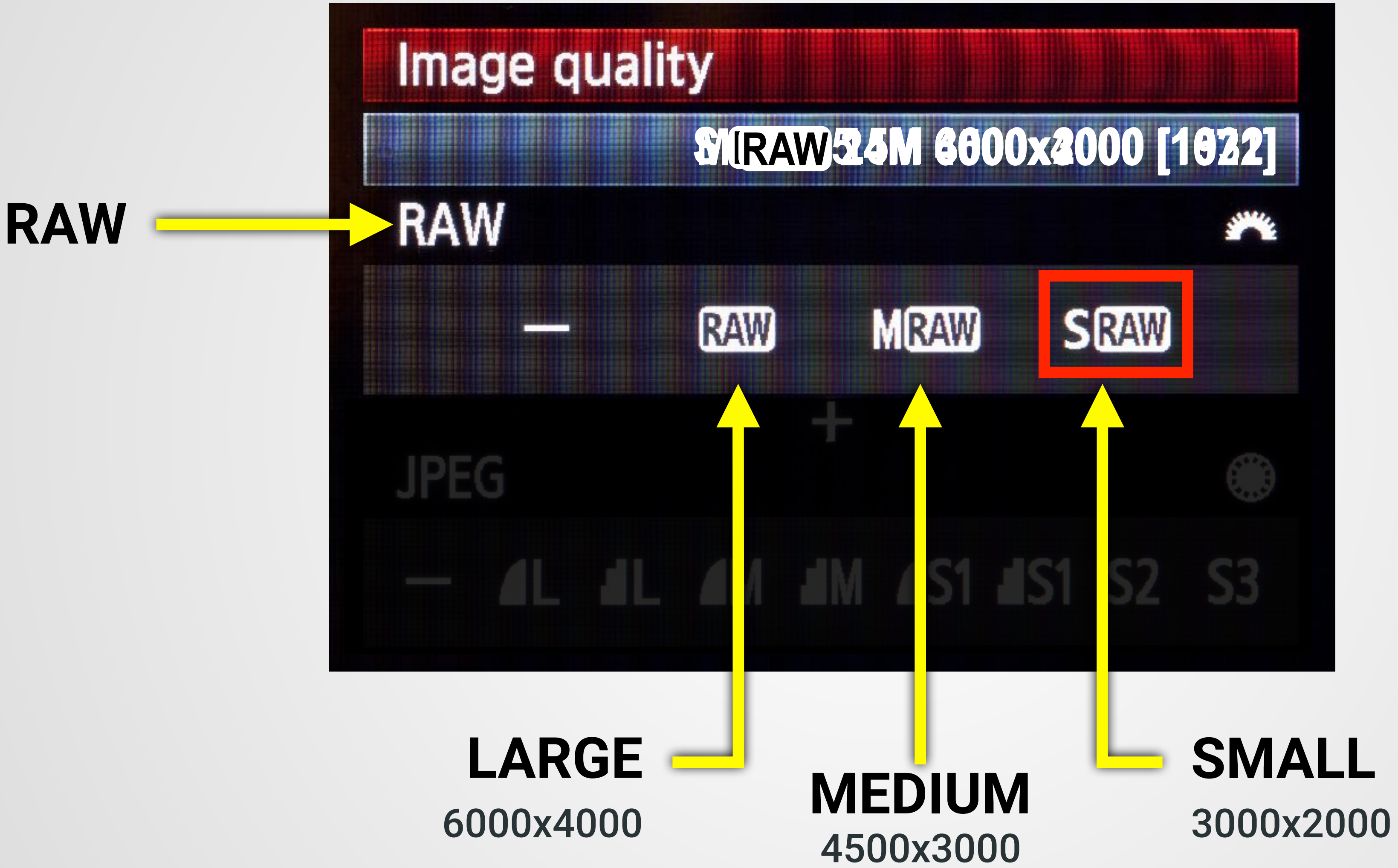

LARGE
 6000 x 4000
Mała Kompresja
(High Quality)

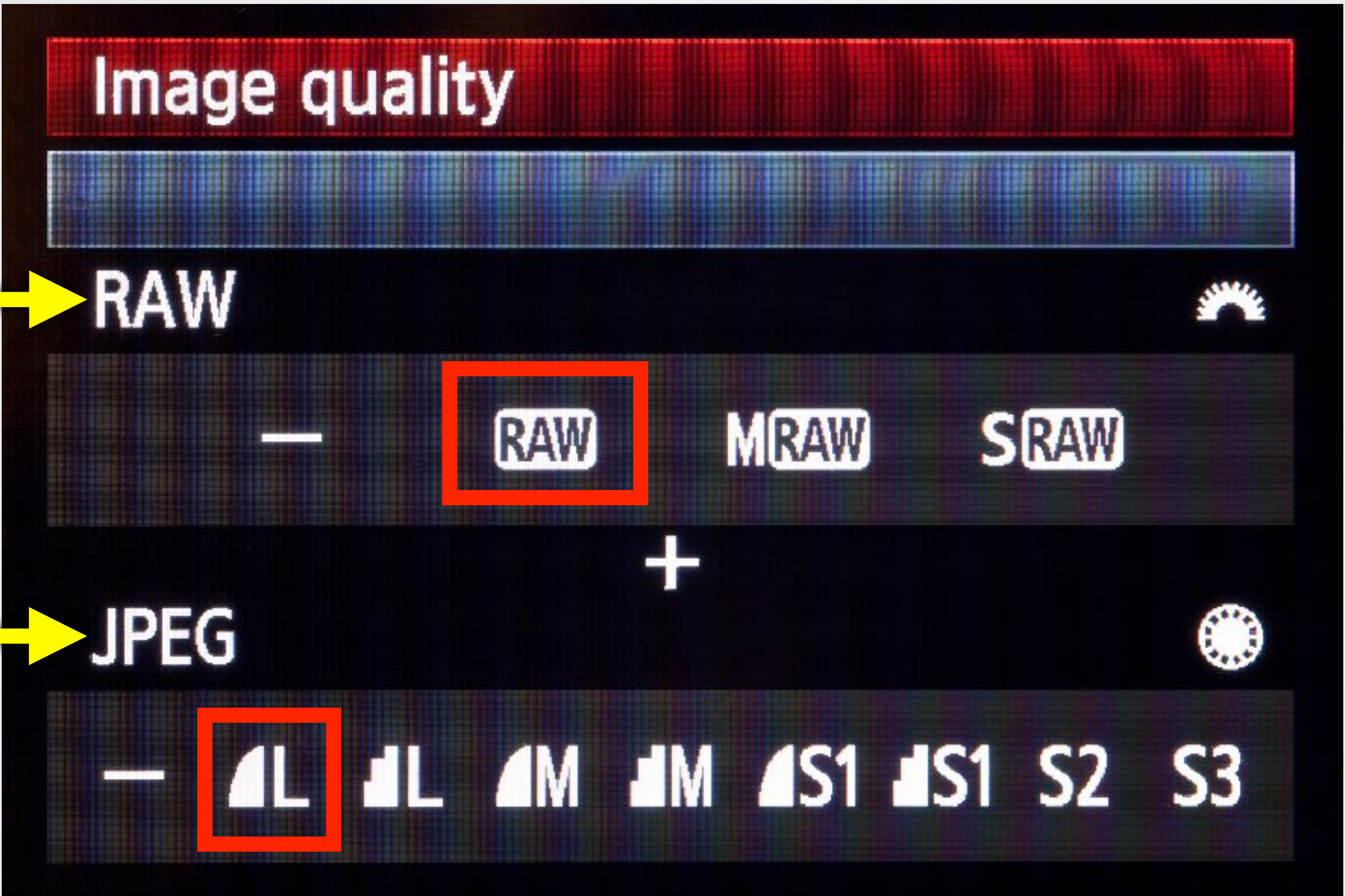


LARGE
 6000 x 4000
Duża Kompresja
(Low Quality)



S-RAWY

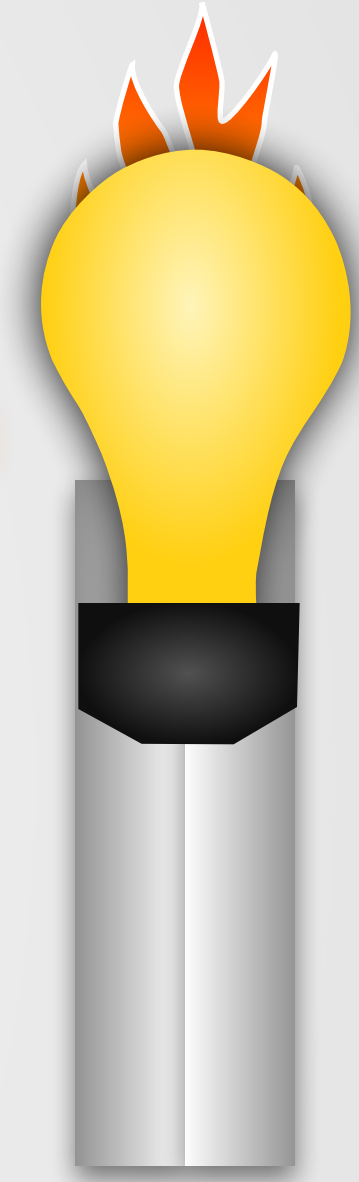
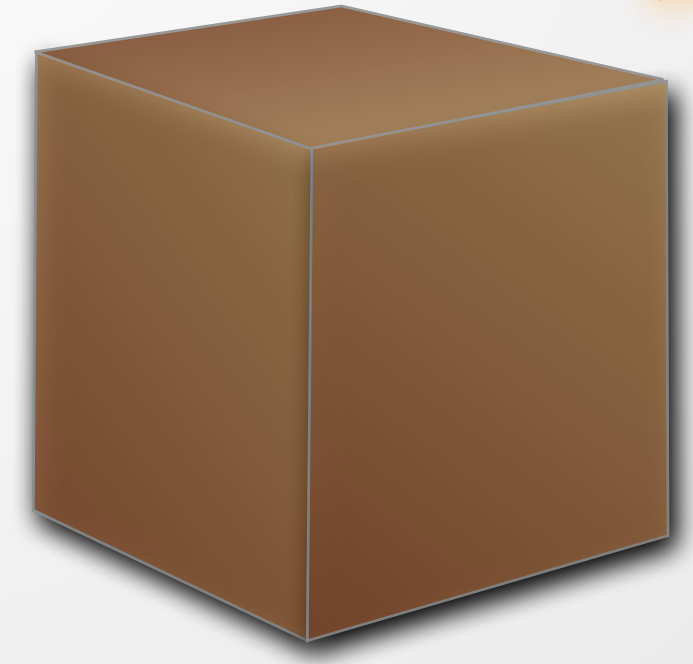
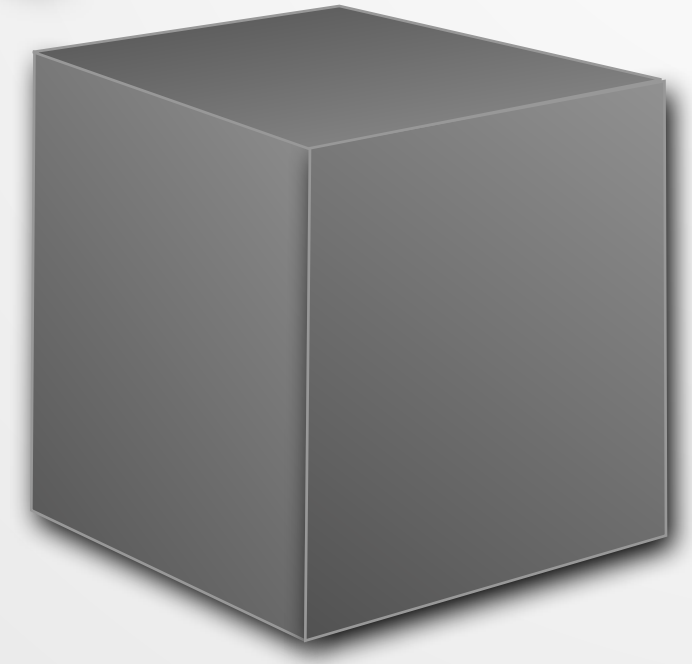
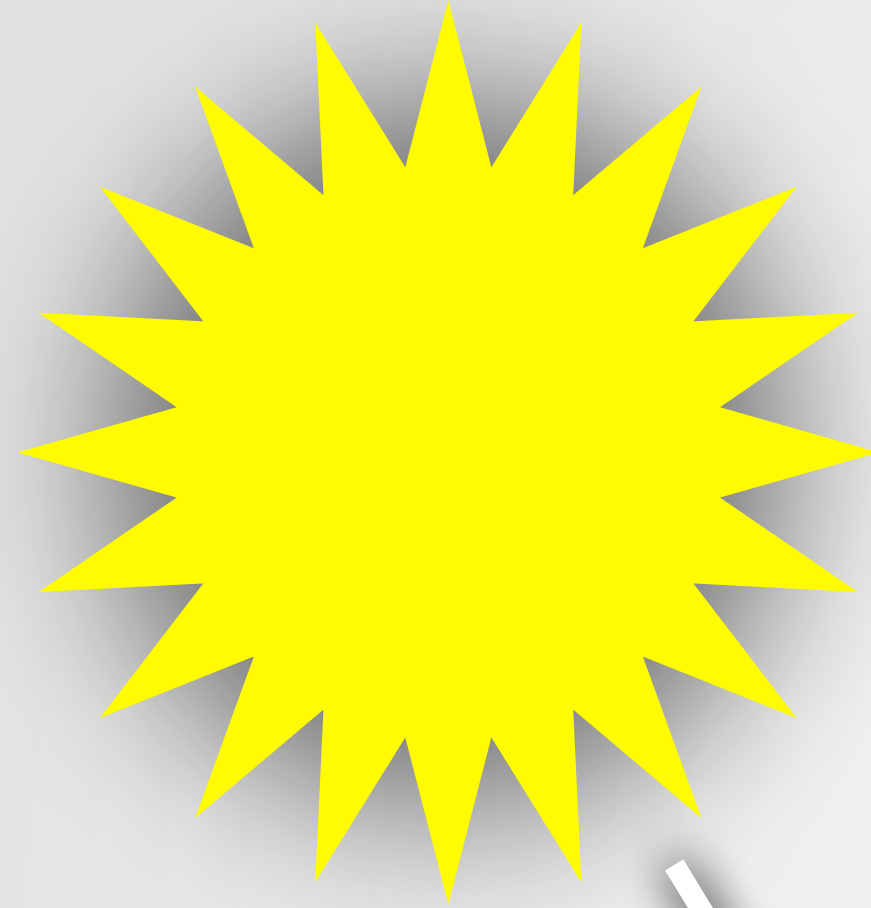




RAW
Size: 24 MB (est.)
0001.RAW

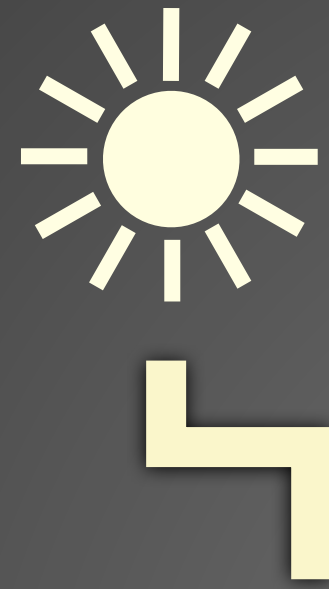
JPEG
Size: 8 MB (est.)
0001.JPG

Balans Bieli



Balans Bieli

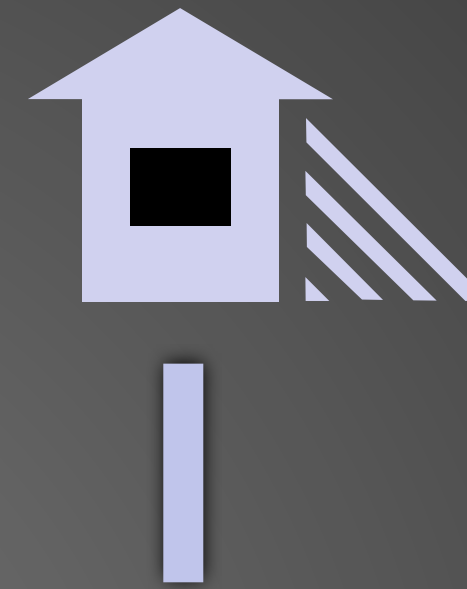
Słońce



Zachmurzeni



Cień



2,000
K

3,000
K

4,000
K

5,000
K

6,000
K

7,000
K

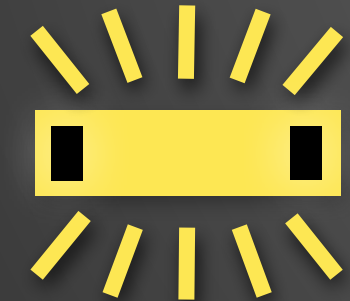
8,000
K

9,000
K

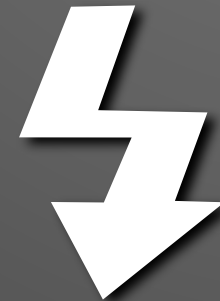
10,000
K



Żarowe



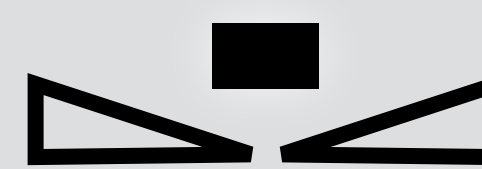
Jarzeniowe



FLASH

K

określoną temperaturę Kelwina.



Skalibruj przy użyciu białej powierzchni

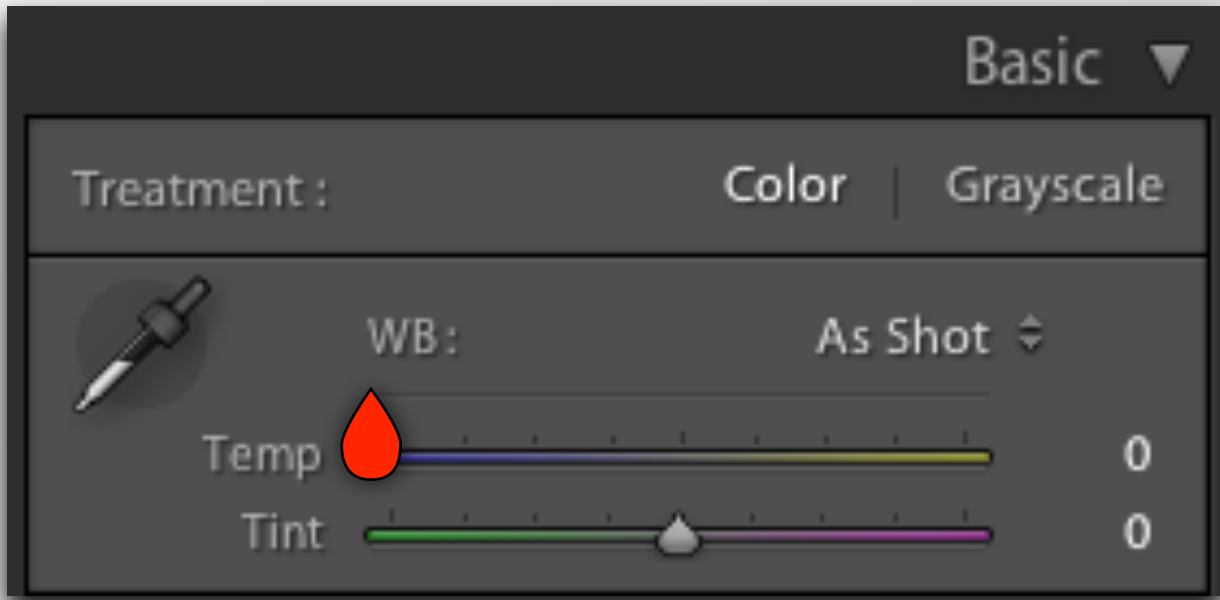
AWB

auto

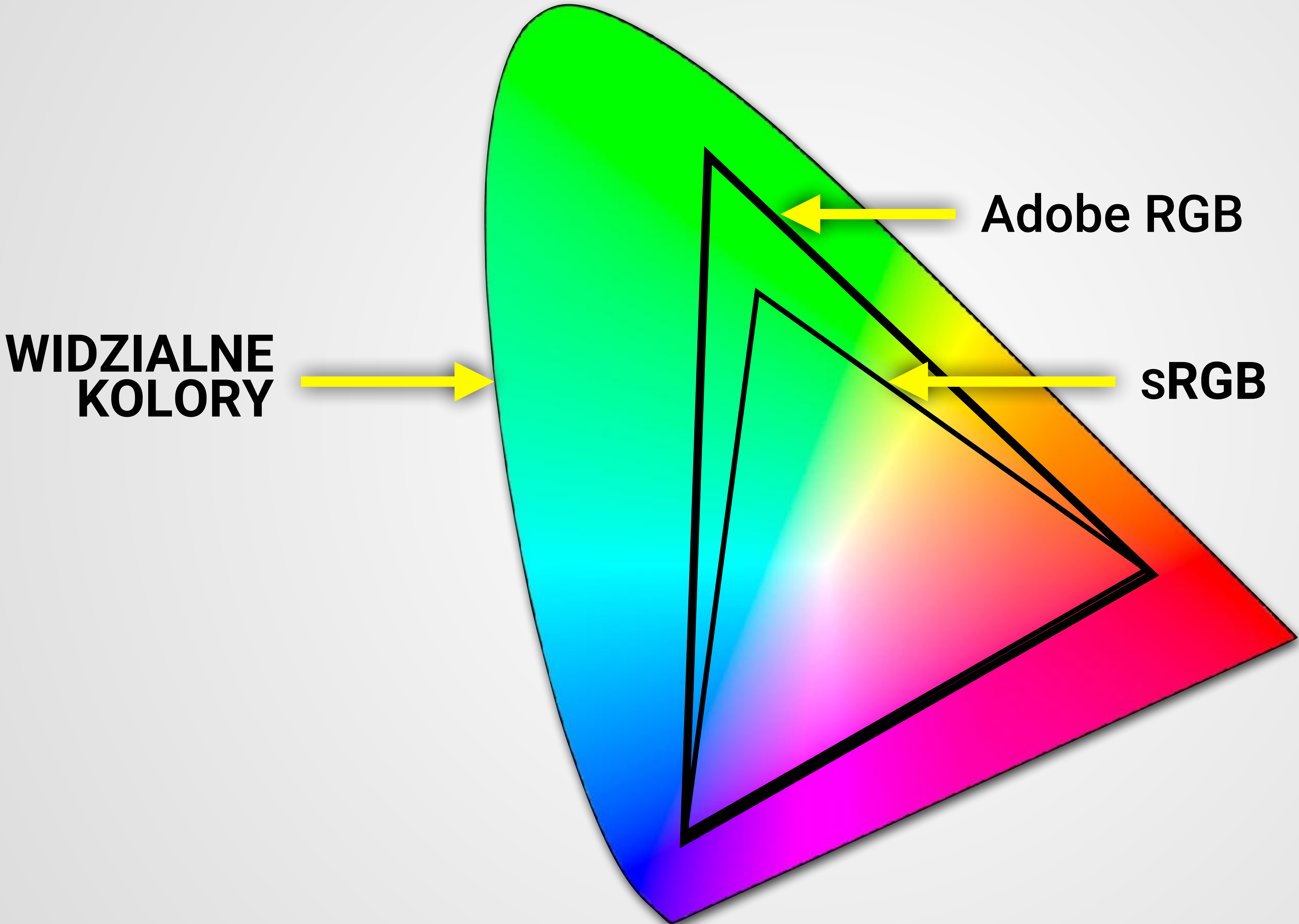
Balans Bieli



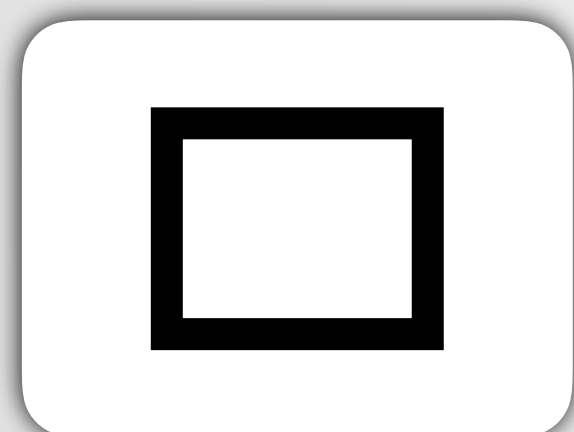
Adobe Lightroom



Przestrzeń kolorów



Tryby Fotografowania

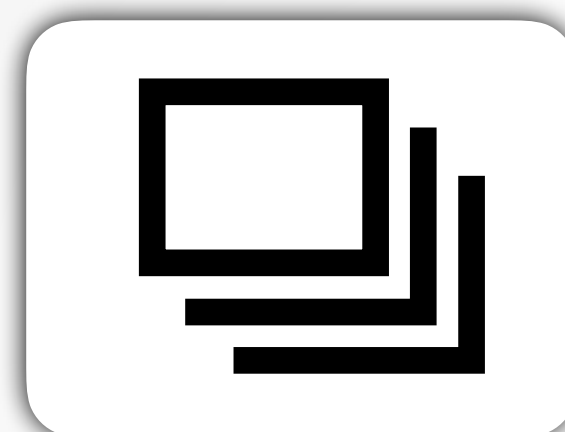


Tryb pojedynczy

S Silent

Q Quiet

 Remote



Tryb szybki

 **High Speed**


 **Low Speed**



Samowyzwalacz

 10s **10-sekund**

 2s **2-sekund**

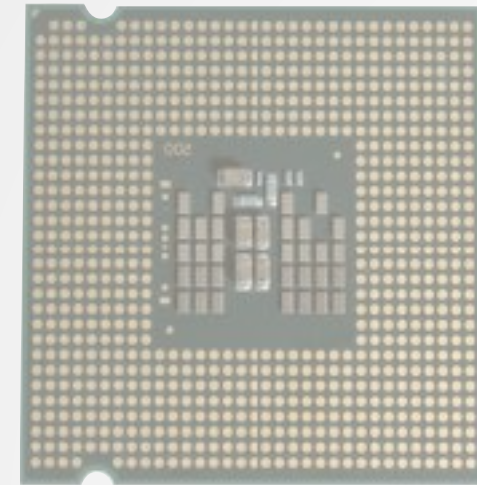
 **C 2** **Opóźnienie + kilka zdjęć (grupowe)**

Buffer

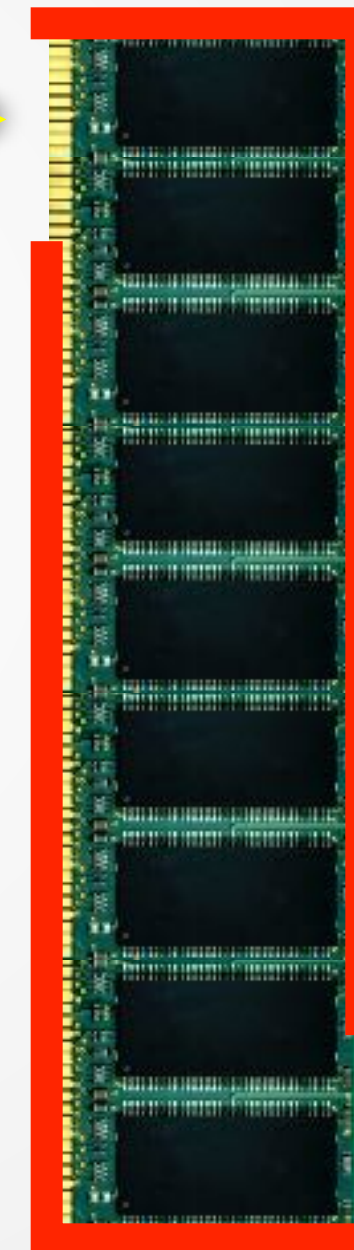
Sensor



Image Processor



Buffer : *Szybki RAM*



Karta Pamięci



Canon Buffer Size

500 5.6 3 2 1 1 1 2 3 ISO 100 15

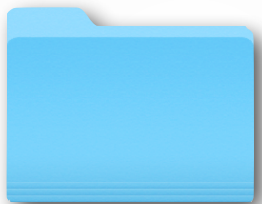
Nikon Buffer Size

500 f2.8 0 M ISO 100 (15)

Karta Pamięci



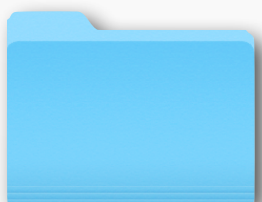
DCIM



100



101



102



Karta Pamięci



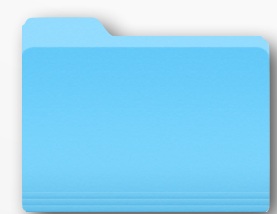
DCIM



100



101



102

**Zawsze Formatuj
Kartę**



BKT CH CL S ADV

[.] [O] [x] []



AE-L

AF-L



AF



SET UP1

Record func+card/folder sel.

File numbering Continuous

File name

Auto rotate On

Format card



DISP
BACK

MADE IN JAPAN

Date & Time



Firmware

www.canon.com

www.fujifilm.com

www.leica-camera.com

www.nikon.com

www.olympus.com

www.panasonic.com

www.sony.com

www.ricoh-imaging.com

Firmware Ver.

2.00



korekcja dioptrii:



Q & A