Basic Color and Pattern

The purpose of this section is to describe how certain Basic Body Color and Pattern are judged and not to describe how many types of basic or base color are there.

Gold (*aka in USA and Asia Gold, Europe Blond*)
It will be defined by the basic color of the body (*65% golden yellow*).

Bronze (*aka in Asia Tiger, Europe Gold, USA Bronze*)
The Bronze or Tiger guppy has golden-dark coloration on the body,
except scales that are edged with black pigment.

Judges must note that the Bronze or Tiger phenotype in the male
exposes the red spots inherent in many Moscow strains.
Also typical characteristics of the Bronze or Tiger phenotype is spotted or variegated fins.

Cream
Appear as more shining yellow than just Gold (*Europe Blond*).

Micariff
Is a color that has nothing to do with base colors.

Half-Black (*HB*)
Any of the basic colors in combination with black color from dorsal to the peduncle.
The caudal may be of an only color (*pattern*) or of mixed colors (*pattern*).

Albino
This is not a base or basic color but refers to guppy with red (or rose colored) eyes.

There are two different genetic types of albinos;
-Real Red Eye Albino (*RREA or True Albinism*)
They are albinos with no melanin.
-Lutino aka grape-eyed or WRE (*Wine Red Eye*)
They are albinos with reduced melanin production, and have darker eyes than the RREA type.

The albino guppy is born yellow, not grey
because it has a gene defective for melanin production (*black pigment*).
Albinism does not effect production of yellow or red pigments
and does not affect the structural colors.
When you look at the albino version of a color strain, such as an albino Half-Black Pastel,
you are seeing all the colors that make up that color type, with the exception of black or brown.

Note;
When judging Albino guppies, the judges must take the above into consideration,
and the general standards for color (*body, dorsal and caudal*) may not apply.

Snakeskin
It must have a standard type linking of links
or in form of rosette in at least 60% of the body.
Guppy showing vertical zebroides bars (*previously called snake*) without the standard snakeskin pattern will compete in its respective category according to the color or pattern of the caudal.

AOC
Means Any Other Class or Category that is not covered in the show.

Multi
Is a caudal with three distinct colors with at least 15% of the third color.

Bi Color
Must have two distinct colors with 25% of the secondary color.

Gold (*aka in USA and Asia Gold, Europe Blond*)
The Gold recessive base body color is another mutation that affects the melanophores.
It reduces the size, alters the shape and reduces the number of melanophores (gold).
The melanophores are greatly reduced in size and have an altered shape.
They are small and round like punctate cells.

Grey Body of Wild color

Grey and Blond (*Gold*) are body base color.
They are usually classified into 9 different base colors;

1. **Grey**
2. **Blond** (*American gold, Japan called Gold*)
3. **Gold** (*American bronze, Japan called Tiger*)
4. **Albino** (*this is the only one not referring to body base color*)
5. **Pink**
6. **Blue**
7. **White**
8. **Silver**
9. **Cream**

Body colors (***all autosomal***) are;
- **grey** - dominant over all over body colors
- **gold tiger bronze** – recessive
- **blond gold** – recessive
- **albino rrea** – recessive, there are two different genes
  which cause the albino phenotype and which can't be differentiated
- **lutino wrea** – recessive
- **blau**
  there are three types of blau;
  one blau gene **shows no red and no yellow**
  another blau gene could show **reduced red but no yellow**
  and the other blau gene (*this one is called "hellblau", this is a German word which means light blue*)

could show yellow *e.g. snake-skin*.
- **pink**
  is something special because of its peculiarities,
  it has a reduced number of the big black color cells (*melanophores*)
  and it looks like tiger in its pure manifestation (*without the hb*).
  In the combination with the Nigrocaudatus 2 gene
  (*it's the gene for half black tuxedo*) the back becomes pink,
  that was the reason for the name "pink",
  because the first guppies with this body color where pink half blacks.
  It is suspected that they have also an increased number of iridophores.
- **cream** - double recessive, gold + tiger
- **white** - double recessive, blau + gold
- **super white**" – triple recessive, blau + gold + albino
- **silver** - double recessive, blau + tiger

You can breed more combinations
but only for these double and triple recessive body colours exists a specific name.

Color of fish

- Body of fish must display the correct color of the strain
- Dorsal fin must display the traits of the particular strain
- Tail fin must have color and tone that gives a solid feel

Pattern of fish

Snakeskin
- Body must have strain characteristics and display Y-link trait of strain clearly
- Dorsal pattern must be clear and close similar to pattern in tail
- Tail pattern must be clear and display the unique patterns of the particular strain

The major difference between a lace snake skin
and a normal snake skin is the pattern of the caudal and the dorsal.
Lace snake skins have a very fine pattern which consists only of yellow and black lines.
A normal snake skin has big black dots lines and the yellow pattern is not that fine.

There is a genetic difference between these strains.
Snake skins have the gene for snake skin and other (*in most cases x-linked*) genes for color too.
Lace snake skin have the gene for snake skin and often that's all
(by the way both sexes could carry this gene and it's still a snake skin).

The cobra bars (*vertical bars on the peduncle*) are a single autosomal recessive gene,
so there is the possibility to get rid of it if you don't like it.
It's not part of the snake skin genetics because you can find it in other strains too.

Galaxies and Medusa are similar, there basic genetics are the same.

They have the snake skin gene (*often x-linked in this strains*)
and the platinum gene (*in almost all strains y-linked*).
The platinum gene in them is the biggest difference.