

# Another Perspective of Colour (Colour Mingle)

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**Abstract:-**There is a proverb which goes like this "Nothing is impossible". When in gone times, some vented upon creating a time-machine, they must have realized its possibility. They say without religion research is not possible. From a perspective if you ask the question "Why?" for everything, even then you can land up in research. Work of literature or science fiction isn't a fairy tale simply. If you have the potential to imagine , you also have the fortune to quantify it provided you have a perspective which is original. If someone was successful in the invention called aircraft, then he was a dreamer who might have dreamt of fairies in the sky. You can ask why there is philosophy in a science journal. I would say if as human you can think, you can invent. A perspective of something you see might not be established but if you can imagine, definitely there is a possibility you can utilize it for research and invention. We are human beings and we have the capacity to think over what we see. Let me tell you something absurd. Why is the sky blue? There are explanations present in established science. But I am asking you your perspective however weird it might sound. Because without madness new inventions aren't possible. If you can think or create a story which is literature, you can also quantify it which is science. Light , reflection, colour as you see it is right because its your psychology. We are human beings who can think. Why do you think we have the power to think? we are Gods also who can invent. And my thinking is my psychology without which madness is impossible. And madness exists for a reason. You are not allowed to reinvent the wheel but recreate the circle utilizing your perspective. This text of mine is a fresh perspective of the thing that makes us happy. Its about colour. We have learnt that without proof, you cannot establish a formula in Physics. But then I would ask you to be modest enough to respect every perspective and listen to all madness. There is a term as photosynthesis which is enough to earn you a recognition. But then the person who invented calculus isn't recognized. What I want to say is there might be 99% left in photosynthesis yet to be researched upon. And NOT POSSIBLE is not acceptable.

## I. CONTENT

This theory attempts to carry the language of color one step further. Color , as we have learnt is a variable of vision, light. Color is a hexadecimal code. It is a part of rainbow. It is a discovery when white light is passed through a prism .

Currently the rainbow has seven colors called VIBGYOR. Color is also expressed as many equations, which are linked to the topic called optics. Color has chromatic nature. I am not sure whether any research on whether color is particle nature or wave has existence in the science community. Color is time-independent as far as I can see. It could be a variable of time also. Currently we see color as an entity. We did not segregate color into any other sensory perceptions like touch, sound, vision, smell, etc. We can just see color. And we recognize it as a conventional name. The name is all we know about color. Its the same when color is a hexadecimal code. In medical science, some colors have usage like when performing dental procedures, painless treatments. Thanks to the science fraternity for attempting to use color for the benefit of mankind.

Now lets forget everything we know of color for some time. Lets dive a bit deeper in our perceptions of vision .Lets try and read between the lines. I am somebody who has the permission to see. When I open my eyes , I can feel the presence of things around me because I can see them. Although unconsciously I belong to a world where I can touch and feel the presence of solids, liquids, oxygen, temperature and some other entities. I can see and touch stationary things or solids in 3D. I cannot touch and feel the solid in 3D when i draw it. When I draw it it is easy for me to express the picture as I see it only. I can draw it exactly as I see it. And that does not carry its original touch feature. I cannot feel its temperature in the picture. And This Could Be An Innovation Someday To Draw It And Express Its Temperature In Picture.

Coming to the second point, apart from seeing an object I also believe in the existence of the object through the color it is carrying on its surface. The object is non-identical in size, shape and color to the object adjacent to it. If the earth, sky, sun and our skin were of same color, we would have had different physics ruling them. Our maths would have been different from what it is currently in picture. Our lifestyle might have been different. So, color is a major factor in the science of vision. After or say before shape of things, what affects our senses is the color of the thing when we open our eyes in presence of light.

Now what is color? Why did we feel like calling the identical nature of things through its color? Color is a difference between two things we see. But we say two things one red ball and another green ball placed on a white table. So, color is the

difference which facilitates and helps our vision to see comfortably. Color is a gift of nature we have not been grateful for. We don't know anything about how color was born. What led to its existence and why the VIBGYOR does not carry the 8th color which is 'brown' , or 'pink'. We don't know much about color. Color is a common but extremely important part of vision. If we see a new color ever in the history of mankind or life, what would it feel like? We don't know whether we will successfully recognize it as another color or not. Yes there is gold, silver, grey which are colors too rather than those in flowers and fruits, but if the VIBGYOR had carried an 8th color and why does it not have an 8th color are some curiosities.

Color feels like that famous law of conservation of energy which is "Energy can neither be created, nor be destroyed. It can only be converted from one form to another." Color is also like that :

- We cannot create color, it already exists
- We cannot destroy it, we cannot make things invisible
- We can only touch a thing, add substances to it or apply force/pressure on it and change its color. We can convert a red color to brown with addition of another colorful substance .

In the animal kingdom, there are colorful life with variety of traits. Why is our skin brown only? Why can't we change the color of our skin as the chameleon can ? It is observed that color is such a dangerous entity that even the surface of a chameleon can undergo color change only if it is in contact with an entity. In contact with a brown tree bark, the chameleon can change to brown only. It cannot convert its skin to pink color. It can only change its surface color. Blood of a chameleon is also red. That does never change. Now we can ask another question as : Why is blood red in all varieties of life existent on earth?

We don't know what the chameleon can do to change its skin color. We don't know why is a flower red and what is that entity or theory about sunlight which makes a green and brown tree create a red flower. Its an observation that most probably a chameleon can do has connection with what a plant can do regarding color. About photosynthesis we aren't acquainted much with or our understanding of things are ineligible enough. We don't have an equation of photosynthesis if I would be brutally honest.

But we can find an equation of how color changes or gets converted to another color for non-living things . I call it the equation of color mingle which I vented upon when I was writing about how to create a time-machine. It has been observed that color is time-independent variable but does convert with time if on the surface of non-living things. In surfaces if living things color never fades away. The color of

our skin won't fade away or darken till we stop breathing. So, oxygen, sunlight might have the powerful equation of how to create color.

We came from nothing by convention taught to us. What is the color of nothing?

Light can detect black. So, black is not the color. We don't know color of time and color of beauty? Its insane to ask about color of time and beauty by convention. But owing to the fact we don't know anything ,lets assume color != time

color in time remains color , converts sometimes as time moves forward.

$color * time = (color \text{ change})kx + time$  taken to convert where **k** is rate of conversion depending on type of matter and its absorbance of color in presence of amount of light **x**. This is unclear and requires validation. Below equation sets to add something to the physics of color

In nonliving objects, Type of matter is solids, liquids, gases

In water, **k** is fastest

in solids, **K** depends on FRICTION on the surface of the solid

In air, **K**=0

color conversion=  $color * k * x$  where  $x = 3 \times 10^5$  m/sec

That's why air is colorless. Its right for air.

Air has no friction.

The color mingle formula is actually about how a non-living thing is colored and what is the affect of it to vision.

Color mingle=  $color * k * x$  where **x** is a variable which measures light used like sun, candle, electric lights and **k** is rate of conversion depending on type of matter and its absorbance of color in presence of amount of light **x**.

Next very important question would arise as what is the application of this color mingle equation would be to the scientific community or to mankind as a whole??

## II. CONCLUSION

I want to conclude by asking for arguments against this perspective of colour and further thinking over it . If an argument against this formula isn't available then I would not be able to see a path to proceed towards with it. Every perspective leads to a possibility. Physics is about proving it. But I would add by saying that its about of the joy of seeing things with your own eyes unbiased by maths that exists . Create your own maths, your own algorithm and do not add it to any curriculum. I don't have the right to snatch your creativity and magic that your imagination can create. I respect all terms in Physics and would like to get my formula

contradicted so that I(we) can proceed towards a new direction. Naming a perspective like photosynthesis is fine but that's not the end to it. If I contradict it will look more beautiful. Contradiction is a continuation.