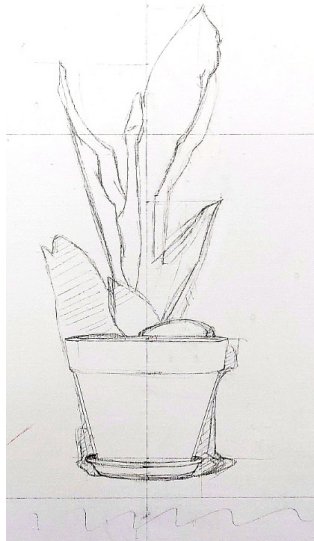
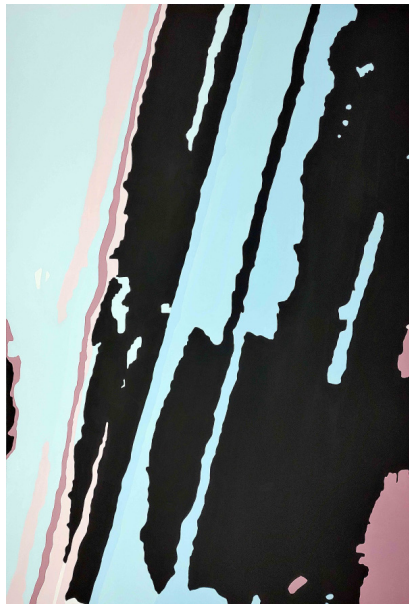


## Studio Now



I am collecting data for the exhibition of the Cognition series in January next year.

## The explanation of my works



<Cognition 3-2, 2022>

The work is a series of Cognition 3, and the main content is the same.

Philosophy considers phenomenon and defines them as logic, but science tests them and proves the cause of them. In physics, light is an electromagnetic wave. And it has both wave and particle properties at the same time, and light acts at the same time as a wave that shows the shape of matter and changes in color, making matter recognizable. This work put meaning on waves (=color) that appeared when light penetrated matter rather than in the distinguished form, and what humans perceive in the process of recognizing waves (=color) through the sensory organ called vision is 'matter'? Or is it something else?"

## Kim's Essay

### Moon and night walk out

One spring night this year, when the sky was clear, I stayed at a quiet place over night with some of my acquaintances. The breeze felt nice, so I came out for a walk and saw the full moon shining bright in the sky. Then, I looked up to the moon with no clouds covering it. I looked at it for a while and thought,

'if the moon is reflecting the sun, why is its surroundings dark? And the sunshine must touch elsewhere as well, why can't we see it?'

It seemed weird. Light shines toward everywhere, then why can't we see the passing sunlight next to the moon? The light from the sun goes out regularly out to the universe and does not stop in the middle. The answer, in fact, is simple, but if one was asked such question without having thinking about it, one would not be able to answer it.

Humans can only read information that light had through the brain when light enters the human visual perception area, so if light exists in front of the human visual perception but does not enter the visual perception area, humans will recognize that light does not exist in front of them. The minimum unit of light is photon. And particles and waves. There must be no side to the photon, but if one sees the lighthouse light shining on the night sea or the strong lighting light lit toward the night sky in the city, one can mistake it for seeing the side of the light. However, the reason why the light could be seen was that the direction of the light reached the observer's visual perception area.

In space, similarly, observers will not even be able to see the light passing sideways, except when the sun's rays from the sun to space are reflected on the moon and come in the observer's direction of vision. If so, it is established that even for one object, it can be interpreted differently depending on the information of light that reaches the visual perception of each observer. And even though the interpretation may be different, I thought that it could be interpreted as the same by being grouped into a single category called "name," and came to think about the limitations of humans who could recognize objects only when all the information of light was brought into the visible light area. However, human efforts to overcome the limitations created the current world, and the efforts probably started from imagination.

I organized my thoughts like this and looked up at the sky again. The moon was still shining brightly, and it was still dark around it, but now it was not just dark. Although it did not enter my vision, I could feel the bright sun's light stretching out into space. And I felt that the way I looked at the world and tried to understand it was also changing little by little.