

Changing a different point of view and taking a deep look at the reflection of the architecture styles during the Renaissance on scientific knowledge and patronage of the age.

The word "Renaissance" derived from the term *"la rinascita"*, which means rebirth.

Speaking of this movement's genesis and features, various theories have been supported by their respective thinking, but the focus varies, which includes the features of society and public, political framework, the patronage of the governing class Medici's family, and a smart influx of Greek books.

The Renaissance architecture is an architecture style which was born following the civilization movement of the Renaissance in Italy. Based on the criticism of theocracy and the confirmation of humanism, architects used the classic proportion to remodel the ideal coordinate order of medieval society. Thus, the architecture during the Renaissance follows the sequence and proportion, has the rigorous three-dimensional and plane frame and the column system which inherit from the classical architectures. Architect Bramante remodelled the Saint Peter's Basilica, recovering the structure of ancient concrete engineering patterns.

Artists depended totally on patrons while the patrons needed money to sustain geniuses, so, in the revival of neo-Platonism

Renaissance humanists did not reject Christianity; quite the contrary, many of the Renaissance's greatest works were devoted to it, and the Church patronized many works of Renaissance art. As in the Platonic academy of Athens, it was seen by those of Humanist understanding that those people who had the benefit of wealth and education ought to promote the pursuit of learning and the creation of that which was beautiful. To this end, wealthy families—the Medici of Florence, the Gonzaga of Mantua, the Farnese in Rome, the Sforzas in Milan—gathered around them people of learning and ability, promoting the skills and creating employment for the most talented artists and architects of their day.

Cause the perspective of the scientific knowledge, architect use ancient Greece and Rome as manner and develop the column conception, they underscore the proportion of the architecture, using symmetrical shape, recover the nature , using the sector charting change the circle and rectangle as the center, and refuse the Gothic architecture.

Filippo Brunelleschi, as the beginning of the renaissance at time and place, did not adopt the Gothic style, more look like goddess church.

We know that Milla Apartment is a very striking architecture, and its style is distinctive. It was a masterpiece of Atonio Gaudi, but as we take

a deep look on it, you will find it also has a high pursuit in terms of art. It is related to a romantic art, and put them together flexibly, that is plastically art. He considered the pose and the skyline as the most important thing in the devise of the architecture. So, the Milla apartment we see today is a masterpiece which is serious but not lacking of energy, also striking but not strange.

The summer palace is a famous palace architecture around the world. It was started in Ming Dynasty, and it was the palace for the emperor in both Ming and Qing. The summer palace is also honored as one of the greatest five palaces in the world for its magnificent and long history. On the other hand, when you trace to Chinese history, you may observe that the emperor palace in ancient are similar to each other, but two major types were in great different, apparently. Because of that two types, the patrons were distinct, one were the usual people, the other one were the hallowed government. You may find on the roofs of the emperor palace, there were four dragons at the four corners, cause the government wanted to show the eminence of the emperor family, they were the symbol for the inviolable power.