

If the moon were only 1 pixel

I changed the size of my browser window and it didn't change. And the next section at 1.871 Billion km, If this map was printed from a quality printer (300 pixels per inch) the earth would be invisible, and the width of the paper would need to be 475 feet. Isn't the assumption of this site that the moon is one pixel?

If you were on a road trip, driving at 75mi/hr, it would have taken you over 500 years to get here from earth. All these distances are just averages, mind you. The distance between planets really depends on where the two planets are in their orbits around the sun.

Somehow these space-in-perspective graphics and interactives never get old. I guess the size of space is just that mind-blowing. In the latest addition to the collection, Josh Worth imagines the moon as one pixel for size and from there provides "a tediously accurate scale model of the Solar System.". It's a long side-scrolling page that starts at the sun and ...

It starts from the premise of the moon being 1 pixel high, and scales the rest of the solar system accordingly. Be warned: there's a lot of scrolling involved. A lot of scrolling. The journey's kept amusing by odd little snippets spaced between the planets in neptune-sized text, and the minimal design is particularly lovely.

It is crucial to remember that as we work through this scale model, only the sizes of the objects are adjusted, keeping their distances relative to each other. Earth and Inner Planetary Neighbors: With one pixel representing the Moon's diameter, Earth now measures roughly 7.9 pixels in diameter (12,742 kilometers).

A tediously accurate scale model of the solar system When I was growing up, I watched a lot of Star Trek. Over time I've looked into other Sci-Fi series. The occasional hit, like the reimaged Battlestar Galactica, caught my attention. But, for me, the voyages of the Enterprise defined "space" to me. Or the stories

To put things in perspective, the distance between the sun and Earth is 150 m, and the Earth is only 1.2 cm in diameter. 2 You can find info about other models on Wikipedia. The website, If the moon were only 1 pixel, not surprisingly, accurately scales the solar system with the moon's diameter being only one pixel on your screen. Prepare ...

The sheer number of stars in the universe is completely mind-boggling. If you sat and counted each one out loud, you would be dead long before you were even 100 trillionth of the way through. So the idea that our sun is the only location, among some 300 sextillion stars, that has produced living creatures, begins to feel pretty darn unlikely.

I've been using the "If the Moon were Only 1 Pixel" simulation for a few years now, but never quite had the goal-oriented setup I wanted. This resource was perfect for guiding students to analyze what they

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were viewing with the simulation. Thank you! -- Stephanie B. Rated 5 out of 5. See all reviews. Description. Standards. 1. Reviews. 12. Q& A. 2.

If the Moon Were Only 1 Pixel - A tediously accurate map of the solar system . joshworth Open. ... but this map is the only one I've seen that really drives home the enormous distances - the mind-numbing amount of nothingness - between such objects...and that's only in our solar system. ... If the nucleus of a hydrogen atom were the size of ...

Also if it showed objects with one quarter of the diameter of the moon it would still be less than 50 objects. just is not that much big stuff. You have to consider also that objects in space exist in 3 dimensions so a linear view like this makes them appear closer than they actually are.

In the bottom right corner there is also an option to scroll automatically at the speed of light, which is not as fast as many might assume. This project has also been translated into a number of languages, accessible via a menu in the upper right corner. Launched in 2014, If the Moon Were Only 1 Pixel received a Webby Award in the Science ...

Explore the scale of the Solar System with a web page that shows the planets and other objects scaled to the size of the Moon. Learn how the Moon wobbles, how big is the space, and how to support animal welfare.

I've received a lot of interesting questions from people who have taken a look at If the Moon Were Only 1 Pixel. Here I will try to quench your insatiable curiosity. ... One suggestion, which I also posted on the "If the moon were 1 pixel" page. (BTW, it's awesome!!!) I don't mind you leaving Eris out, but OMITTING TRITON, THE BIG MOON ...

If the moon were only 1 pixel in diameter, the Earth's diameter would be only 3.66 pixels (The diameter of the Earth is 12,742 km / 7917.5 miles, and the diameter of the Moon is 3,474.8 km / 2,160 miles). Note that the distance between Earth and the Moon is much greater than most people think. Saturn and its largest moon Titan.

Interactive media designer Josh Worth has recreated the entire Solar System through a "tediously accurate scale model" by imagining "if the moon were only 1 pixel." By scrolling horizontally across his interactive site, you can see just how vast our own Solar System is and how far away even our closest neighbors are. You can also see ...

8 thoughts on " If the Moon Were Only 1 Pixel - A tediously accurate map of the solar system " amanimal says: March 6, 2014 at 2:30 pm "Wow!" is right! That is a whole lot of empty space! Like Like. Reply. Larry says: March 6, 2014 at 6:07 pm. It sure is. Don't think I'll ever make it to Jupiter.

It begins by showing the size of the moon as one pixel. Then, by scrolling horizontally, the user can take a trip through our solar system beginning from the sun. You not only see the relative sizes of each of the objects ...

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If The Moon Were Only 1 Pixel. Released January 1, 2020. A video adaptation of Josh Worth's website in which he recreates the Solar System to scale with the Moon only being one pixel big. Josh Worth can be found here. The music in the piece was composed by ...

If the Moon Were Only 1 Pixel - A tediously accurate map of the solar system . joshworth Open. Archived post. New comments cannot be posted and votes cannot be cast. ... The first one has a scale of 1 pixel = 1 billion km, the second one has a scale of 1 pixel = 10 trillion km (1 light-year). Reply reply AstroAdrian ...

If the Moon Were Only 1 Pixel is a project by interactive media designer Josh Worth that attempts to accurately portray just how distant the Sun and planets are from each other using a single pixel to represent the Earth's moon -- which has an actual diameter of 3,474.8 kilometers -- for scale. Worth was inspired to work on the project after trying to explain the same concept ...

If The Moon Were Only 1 Pixel. Posted on Wednesday, February 17th, 2016 by Toby Sanders. If the Moon Were Only 1 Pixel is a tediously accurate model of the solar system. The World Is A Big Place. If the Moon Were Only 1 Pixel is a project that asks its" users to look at the solar system in a new way. Interactive media designer, Josh Worth ...

An interactive web page shows the solar system with the moon as a single pixel and everything else scaled down accordingly. You can scroll through the page and see the distances and sizes of the planets and the sun, ...



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