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Vision

Carl Sagan viewed space

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exploration as both a natural consequence of our nomadic past and an essential constituent of our survival: in Pale Blue Dot, he articulates this vision, making an elegant and compelling argument for a

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programme of sustained space-
exploration in order to
cheat the cosmos of
humanity's ultimate
extinction.

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Carl Sagan viewed space exploration as both a natural consequence of our nomadic past and an essential constituent of our survival: in Pale Blue Dot, he articulates this vision,

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...

Synopsis: A thousand years from now, our epoch will be remembered as the time when we first left the Earth and saw it from beyond the

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outermost planet as a pale blue dot, almost lost against the backdrop of the stars. As we complete the preliminary reconnaissance of our Solar System, we hunger for a long-term vision of the human future.

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...

In the opening to his Pale Blue Dot: A Vision of Human Future in Space (1997) he tells the story of the

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famous image: The spacecraft was a long way from home, beyond the orbit of the outermost planet and high above the ecliptic plane—which is an imaginary flat surface that we can think of as something like a

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racetrack in which the
orbits of the planets are
mainly confined.

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...

In Pale Blue Dot Sagan

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traces the spellbinding history of our launch into the cosmos and assesses the future that looms before us as we move out into our own solar system and on to distant galaxies beyond. The exploration and eventual

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settlement of other worlds is neither a fantasy nor luxury, insists Sagan, but rather a necessary condition for the survival of the human race.

Pale Blue Dot: A Vision of

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...

Pale Blue Dot: A Vision of the Human Future in Space is a 1994 book by the astronomer Carl Sagan. It is the sequel to Cosmos and was inspired by the famous 1990

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Pale Blue Dot photograph, for which Sagan provides a poignant description. In the book, Sagan mixes philosophy about the human place in the universe with a description of the current knowledge about the Solar System. He

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also details a human vision
for the future.

**Pale Blue Dot (book) -
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The Demon-Haunted World:
Science as a Candle in the
Dark, Billions & Billions:

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Thoughts on Life and Death
at the Brink of the
Millennium, and finally,
Pale Blue Dot: A Vision of
the Human Future in Space.
Pale Blue Dot was the first
I read, and it was
mindblowing for me at the

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time. It was so
illuminating.

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A Pale Blue Dot The
following excerpt from Carl

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Sagan's book *Pale Blue Dot* was inspired by an image taken, at Sagan's suggestion, by Voyager 1 on 14 February 1990. As the spacecraft was departing our planetary neighborhood for the fringes of the solar

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system, it turned it around
for one last look at its
home planet.

**A Pale Blue Dot | The
Planetary Society**

But knowledge is preferable
to ignorance. Better by far

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to embrace the hard truth
than a reassuring fable. If
we crave some cosmic
purpose, then let us find
ourselves a worthy goal.”. –
Carl Sagan, Pale Blue Dot: A
Vision of the Human Future
in Space.

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Pale Blue Dot is a
photograph of planet Earth
taken on February 14, 1990,
by the Voyager 1 space probe
from a record distance of

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about 6 billion kilometers,
as part of that day's Family
Portrait series of images of
the Solar System. In the
photograph, Earth's apparent
size is less than a pixel;
the planet appears as a tiny
dot against the vastness of

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space, among bands of sunlight reflected by the camera. Voyager 1, which had completed its primary mission and was leaving the Solar System, was co

Pale Blue Dot - Wikipedia

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'Pale Blue Dot' is a photograph of Earth taken in 1990 by the Voyager 1 spacecraft from a record distance of about 6 billion kilometres. Even though Earth would appear too small to give any detail, Carl

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Sagan felt the photograph
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would give us perspective on
our place in the universe,
and this perspective - “the
Earth is where we make our
stand... preserve and cherish
the pale blue dot ...

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Carl Sagan viewed space exploration as both a natural consequence of our nomadic past and an essential constituent of our survival: in Pale Blue Dot, he articulates this vision,

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the Human Future in Space:
Carl ...

Carl Sagan spoke about the pale blue dot, our home. The Voyager spacecraft looked back to Earth and sent us an image of our world, showing

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**The Pale Blue Dot: A vision
of the human future. Carl**

...

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traces the spellbinding
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Carl Sagan – Pale Blue Dot – YouTube

In Pale Blue Dot Sagan traces the spellbinding history of our launch into the cosmos and assesses the future that looms before us as we move out into our own

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