



VOIPortal

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Google Sky

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Pan to



Moon Phase Calendar

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< September 2011 >

Su	Mo	Tu	We	Th	Fr	Sa
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	1
2	3	4	5	6	7	8

Moon:Dark
 Moon:Grey
 Moon:Bright

Object Name Resolver

[toggle dose](#)

SIMBAD NED

RA : 13.18659 0:52:44.78
 DEC : -72.8286 -72:49:42.95

Cosmology Calculator

[toggle dose](#)

Ho OmegaM Z OmegaVac

Choose Universe Type

Open Flat General

For Ho = 71, OmegaM = 0.27, OmegaVac = 0, Z = 5.27E-4

Age of Universe (Gyr)	Age at Redshift (Gyr)	Light Travel Time (Gyr)	Comoving Radial Distance		Comoving Volume Within Redshift (Gpc ³)	Angular Size Distance		Luminosity Distance		
			Mpc	Gly		Mpc	Gly	Mpc	Gly	
11.281	11.274	0.007	2.225	0.007	0	2.223	0.007	0.011	2.226	0.007

- 1 Gyr = 1,000,000,000 years.
- 1 Gly = 1,000,000,000 light years or $9.461 \cdot 10^{26}$ cm.
- 1 Mpc = 1,000,000 parsecs = $3.08568 \cdot 10^{24}$ cm, or 3,261,566 light years.

VOI Apps

[toggle dose](#)

VOA

WEBSITE

ARCHIVE

VO PLOT

VOSTAT

VOCAT

MOSAIC

PYMORPH

Tushar Agrawal - VOIndia



❑ Single point entry to all VOIndia services

❑ Some Features

- *Ability to add iGoogle gadgets to portal*
- *Sharing of gadgets among portal users*
- *Supports for multiple tabs*
- *Drag and drop support to change gadget layout*
- *Published VOI gadgets to iGoogle gadget directory*

<http://vo.iucaa.ernet.in/~voi/VOIPortal.html>



DEMO

on iGoogle



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ADD GADGETS

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Cosmology Calculator
Name Resolver

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Name Resolver

SIMBAD NED

[Resolve](#)

RA : 202.469575 13:29:52.69
DEC : 47.1952583 47:11:42.92

Cosmology Calculator

H_0 Ω_M Z Ω_{vac}

Choose Universe Type
 Open Flat General [Calculate](#)

For $H_0 = 71$, $\Omega_M = 0.27$, $\Omega_{vac} = 0$, $Z = 3$

Age of Universe (Gyr)	Age at Redshift (Gyr)	Light Travel Time (Gyr)	Comoving Radial Distance		Comoving Volume Within Redshift (Gpc^3)	Angular Size Distance	
			Mpc	Gly		Mpc	Gly
11.281	1.875	9.406	5162.917	16.839	716.202	1538.663	5.1

1 Gyr = 1,000,000,000 years.

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Cosmology Calculator

VO-INDIA / EDUCATION

INSTALL

This calculator allows the user to input user-selected values of the Hubble constant, Omega(matter), Omega(vacuum) and the redshift (z), and returns the current age of...



Feng Shui Calc

SKYNETRIC / LIFESTYLE

★★★★☆ (2)

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Future enhancements

□ *VOIPortal 1.0*

- *More intercommunication for the gadgets*
- *RSS feeds support*
- *Support for other non opensocial gadgets*
- *Entry point for other VO services*
- *...*



Thank You !

Feedback, comments and suggestions, please email to

voindia@vo.iucaa.ernet.in